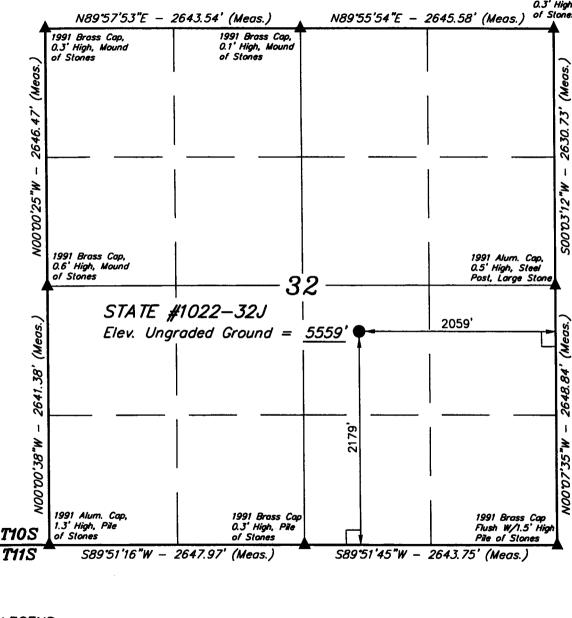
					OF UTA				FORM 3
				PARTMENT OF I				AMENI	DED REPORT
001			Div	ISION OF OIL	_, GAO AI	AD MINANAG			ght changes)
<u> </u>		APPLICAT	ION FOR	PERMIT TO	DRILL			5. MINERAL LEASE NO: ML-22798	6. SURFACE: State
1A. TYPE OF WO	DRK: [ORILL 🗹 F	REENTER	DEEPEN				7. IF INDIAN, ALLOTTEE O	R TRIBE NAME:
B. TYPE OF WE	ill: OIL	GAS 🗹 C	THER	SING	GLE ZONE	MULTIPLE ZON	E	8. UNIT or CA AGREEMEN	T NAME:
2. NAME OF OPE	RATOR:					<u></u>		9. WELL NAME and NUMBI	ER:
WESTPOR	RT OIL & G	AS COMPAN	Y, L.P.					STATE 1022-32	
3. ADDRESS OF P.O. BOX		CITY VERN	AL STAT	TE UT ZIP 840	078	PHONE NUMBER: (435) 781-7023		10. FIELD AND POOL, OR NATURAL BUT	
4. LOCATION OF	WELL (FOOTAG	GES)	4418046	TE UT ZIP 840 γ 39.900	418			11. QTR/QTR, SECTION, T MERIDIAN:	OWNSHIP, RANGE,
AT SURFACE:	2179' FSI	L, 2059' FEL	1031587	x -109, 4	ما ما 0 ما ن			NWSE 32 10	S 22E
AT PROPOSED	PRODUCING Z	ONE:	00130 7		******				
14. DISTANCE IN	MILES AND DIF	RECTION FROM NEAR	EST TOWN OR PO	ST OFFICE:			1	12. COUNTY:	13. STATE: UTAH
22 MILES	SOUTHE	EAST OF OUR	RAY, UT					UINTAH	
	O NEAREST PRO	PERTY OR LEASE LI	NE (FEET)	16. NUMBER OF	ACRES IN LE		17. NI	JMBER OF ACRES ASSIGNE	ED TO THIS WELL:
519'	O NEAREST WE	LL (DRILLING, COMPL	ETED OR	19. PROPOSED	DEPTH:	640	20. BC	OND DESCRIPTION:	40
APPLIED FOR	R) ON THIS LEAS	SE (FEET)		10.1 10.1		8,400		B0005236	
21. ELEVATIONS	S (SHOW WHETH	IER DF, RT, GR, ETC.):	22. APPROXIMA	ATE DATE WO	RK WILL START:		STIMATED DURATION:	
5558.5' G	L.					·	10	DAYS	
24.			PROPOS	ED CASING A	ND CEMEI	NTING PROGRAM			
SIZE OF HOLE	CASING SIZE	E, GRADE, AND WEIG	HT PER FOOT	SETTING DEPTH		CEMENT TYPE, QU	ANTITY,	YIELD, AND SLURRY WEIG	нт
12 1/4	9 5/8	H-40	32.3#	250	110 SX		CLA	SS G	
7 7/8	4 1/2	J-55	11.6#	8,400	390 SX	P	REM	LITE LEA	/D
					1330 SX		50/50	POZ TA	IL
								RECEIV	ED
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
								JUL 2 2 2	003
					<u> </u>			DIV. OF OIL, GAS	MINING
25.				ATTA	CHMENTS	;		•	
VERIFY THE FO	LLOWING ARE A	ATTACHED IN ACCOR	DANCE WITH THE U	JTAH OIL AND GAS C	ONSERVATION	I GENERAL RULES:			
WELL PL	AT OR MAP PRI	EPARED BY LICENSE	D SURVEYOR OR E	NGINEER		OMPLETE DRILLING PLAN			
							TDOON (D COMPANY OTHER THAN	THE I EASE OWNED
EVIDEN	CE OF DIVISION	OF WATER RIGHTS A	APPROVAL FOR US	E OF WATER		ORM 5, IF OPERATOR IS PE	ERSON	OR COMPANT OTHER THAN	THE LEASE OWNER
	CUE	RYL CAMERO	ON.			sr. Regula	TOR)	/ ANAI YST	
NAME (PLEASE	PRINT) CITE	A CAMERO				LE		1711712101	
SIGNATURE_	he	my Co	melos)	DA	7/21/2003			
(This space for St	ate use only)	V							
							معق	reved by the	
	, 1	2 840 40	nar			13	Ti	h Division of	

API NUMBER ASSIGNED: 4-3-047-35095

APPROVAL:

Utah Division of Oil, Gas and Mining
Date: 0 6 18 0 B

T10S, R22E, S.L.B.&M.



WESTPORT OIL AND GAS COMPANY, LP.

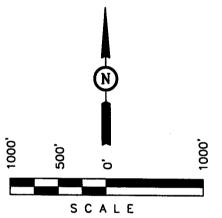
Well location, STATE #1022-32J, located as 1991 Brass Cap, shown in the NW 1/4 SE 1/4 of Section 32, 0.3' High, Mound T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR TO REGISTRATION NO. 161319 STATE OF UTAN

COMPANY, L.P.

UINTAH ENGINEERING & LAND STRUEYING 85 SOUTH 200 EAST - VERNAL UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 07-03-03 07-10-03
PARTY K.K. M.B. D.COX	REFERENCES G.L.O. PLAT
WEATHER HOT	FILE WESTPORT OIL AND GAS

LEGEND:

_ = 90' SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)LATITUDE = 39°54'14.97" (39.904158)

LONGITUDE = 109'27'41.14" (109.4461428)

STATE 1022-32J NWSE Sec. 32, T10S, R22E UINTAH COUNTY, UTAH ML-22798

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Geologic Surface Formation:

<u>Formation</u>	<u>Depth</u>
Uinta	0' - Surface
Green River	1035'
Wasatch	4140'
Mesaverde	6570'

2. Estimated Tops/Depths of Important Geologic Markers/Anticipated Gas:

Substance	Formation	<u>Depth</u>
	Green River	1035'
Gas	Wasatch	4140'
Gas	Mesaverde	6570'
	TD	8400'

3. Pressure Control Equipment (Schematic Attached)

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 3,000 psi.

4. Proposed Casing & Cementing Program:

The Surface casing and the Production casing will be new.

Please refer to the attached Casing & Cementing Program.

5. <u>Drilling Fluids Program</u>:

Please refer to the attached Drilling Fluids Program

6. Evaluation Program: (Logging)

Please refer to the attached Drilling Program.

7. <u>Abnormal Conditions</u>:

Maximum anticipated bottomhole pressure calculated @ 8400' TD approximately equals 3,360 psi (calculated at 0.4 psi/foot). Maximum anticipated surface pressure equals approximately 1,512 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

None anticipated.

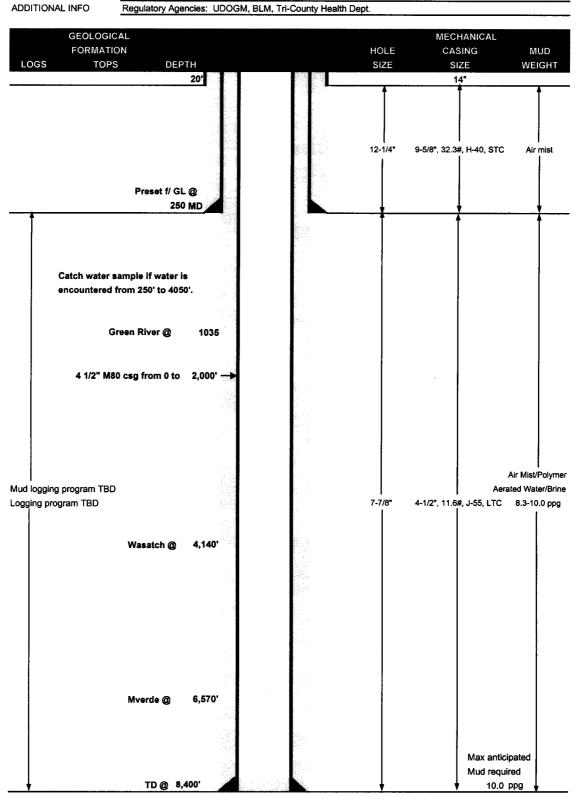
10. <u>Other:</u>

A Class III Archaeological Study Report shall be submitted as soon as it becomes available.



Westport Oil and Gas Company, L.P. DRILLING PROGRAM

Westport Oil and Gas Co., L.P. COMPANY NAME July 18, 2003 **STATE 1022-32J** WELL NAME 8,400' MD/TVD TD FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 5,559' GL KB 5,574' 2179' FSL, 2059' FEL, \$25E, SEC. 32, T10S, R22E SURFACE LOCATION Straight Hole OBJECTIVE ZONE(S) Wasatch/Mesaverde





CASING PROGRAM

							ţ	DESIGN FACTO	ORS
	SIZE	INTE	RVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-2	20'						
							2270	1370	254000
SURFACE	9-5/8"	0 to	250	32.30	H-40	STC	16.19	11.71	4.37
			2 4			er sak Yangi.	7780	6350	201000
PRODUCTION	4-1/2"	0 to	2000	11.60	M-80	LTC	3.09	6.11	2.36
							5350	4960	162000
PRODUCTION	4-1/2"	2000 to	8400	11.60	J-55	LTC	1.81	1.14	2.50

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point (.22 psi/ft-partial evac gradient x TVD of next csg point)
- 3) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: Max Pore Press @ TD = 10.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 25

2520

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	250	Class G + 2% CaCl2	110	35%	15.80	1.16
	13.44	+ 0.25 pps cellofiake				
PRODUCTION LEAD	3,640'	Premium Lite II + 3% KCI + 0.25 pps	390	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				
		+ 0.5% extender				•
	Y .		3.0			
TAI	4,760'	50/50 Poz/G + 10% salt + 2% gel	1330	60%	14.30	1.31
	100					
	1., 42.1	uldary valent för i till				7. T

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

•	BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder &								
	tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.								
LING	ENGINEER:		DATE:						
LING	ENGINEER:	Brad Laney	DATE:						
	ENGINEER: SUPERINTENDENT:	Brad Laney	DATE:						

STATE 1022-32J NWSE SEC. 32, T10S, R22E UINTAH COUNTY, UTAH ML-22798

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

Improvements to existing access roads shall be determined at the on-site inspection.

2. Planned Access Roads:

The proposed access road is approximately 90' +/-. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely, *unless modified during the on-site inspection*.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

Existence of pipelines, maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The road surface and shoulders will be kept in a safe an usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. <u>Location of Existing Wells Within a 1-Mile Radius:</u>

Please refer to Topo Map C.

4. <u>Location of Existing & Proposed Facilities</u>:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth-tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the proposed pipeline.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. <u>Methods of Handling Waste Materials</u>:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit

will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined that a liner is to be used during the on-site inspection, a plastic reinforced liner shall be used. It will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Contractors should take caution to direct blast in the pit around edges of ledge to avoid fracturing rock.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). This section is subject to modification as a result of the on-site inspection.

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire.

Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

State of Utah SITLA 675 East 500 South, Suite 500 Salt Lake City, Utah 84102 (801) 538-5151

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

This location is not within 460 feet from the boundary of the Natural Buttes Unit, nor is it 460 feet of any non-committed tract lying within the boundaries of the unit.

13. <u>Lessee's or Operator's Representative & Certification</u>:

Cheryl Cameron Sr. Regulatory Analyst Westport Oil & Gas Co., L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7023 Randy Bayne Drilling Manager Westport Oil & Gas Co., L.P PO. Box 1148 Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil & Gas Company, L.P. is considered to be the operator of the subject well. Westport Oil & Gas Company, L.P. agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by State Surety Bond No. RLB0005236.

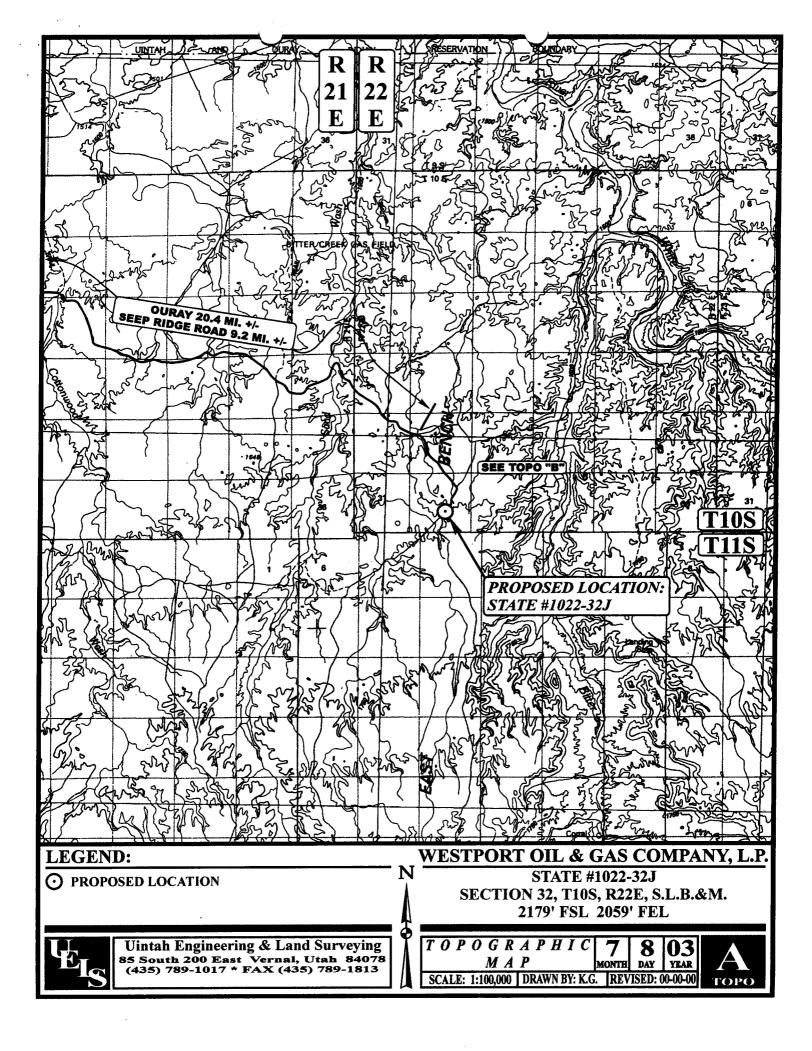
I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Cheryl Cameron 7/21/03
Date

WESTPORT OIL & GAS COMPANY, L.P. STATE #1022-32J SECTION 32, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE TURN LEFT AND PROCEED IN AN EASTERLY, SOUTHEASTERLY DIRECTION APPROXIMATELY 9.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 100' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 90' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.0 MILES.



WESTPORT OIL & GAS COMPANY, L.P.

STATE #1022-32J

LOCATED IN UINTAH COUNTY, UTAH **SECTION 32, T10S, R22E, S.L.B.&M.**

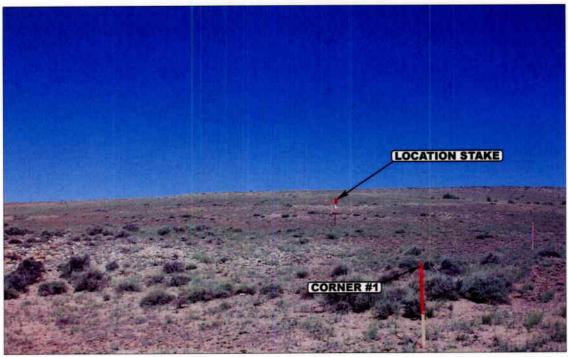


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



Uintah Engineering & Land Surveying

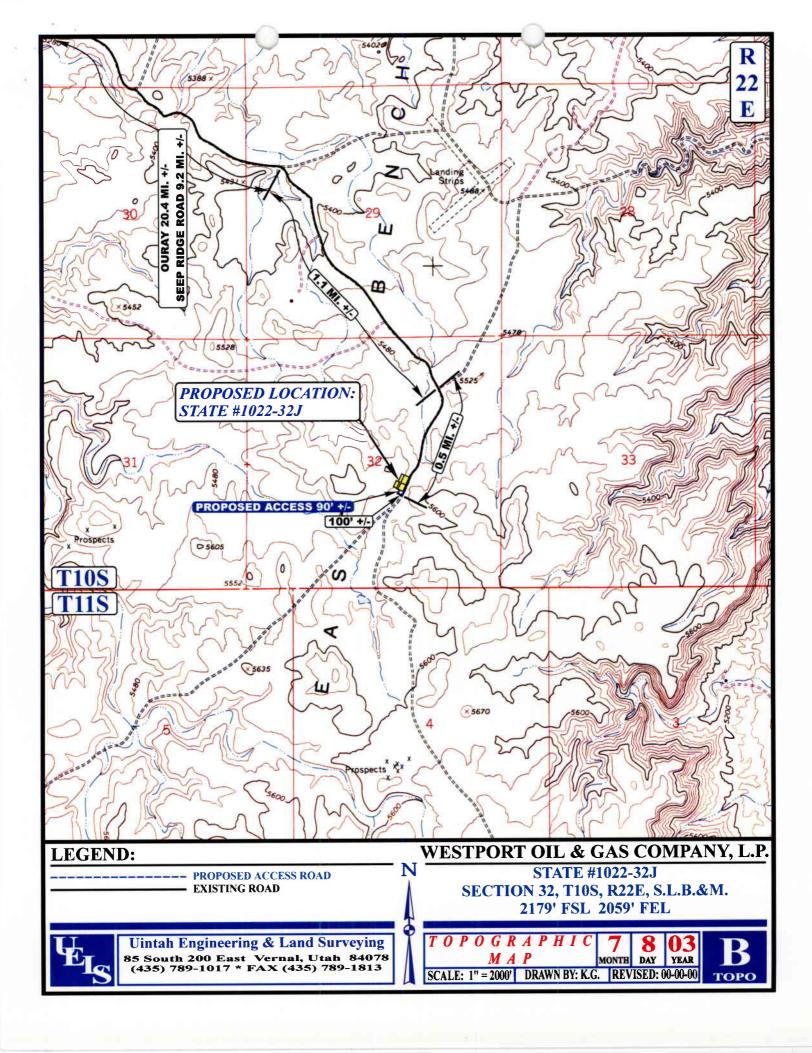
85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

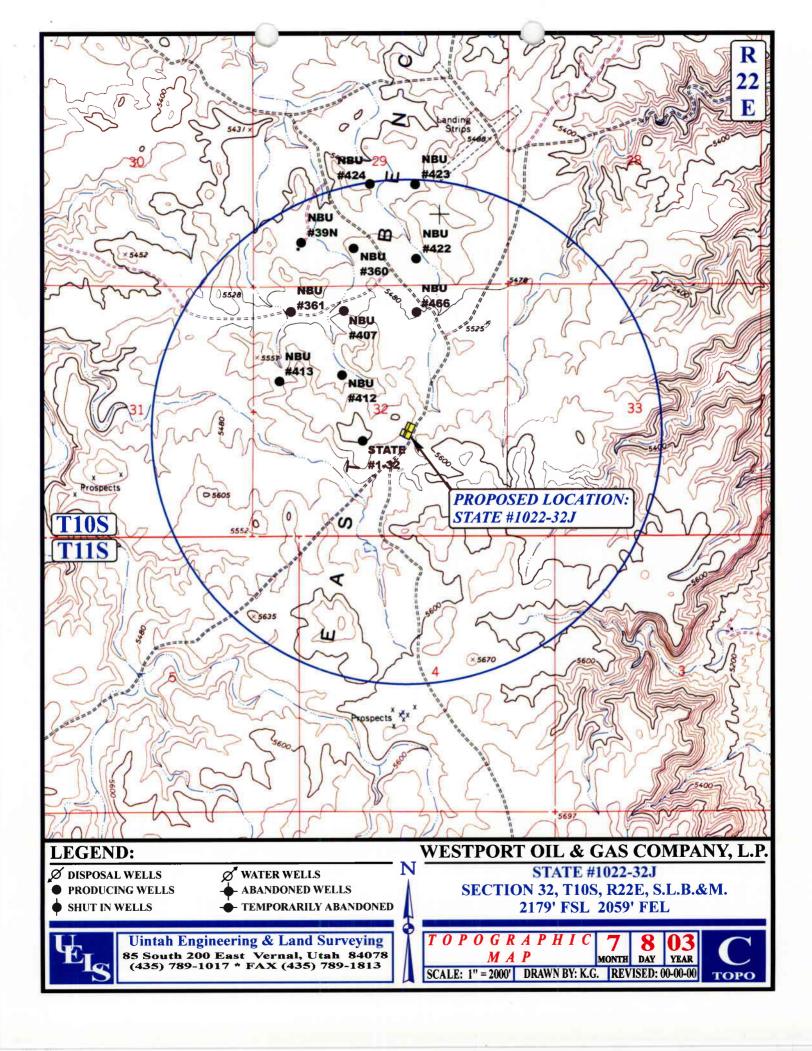
LOCATION PHOTOS

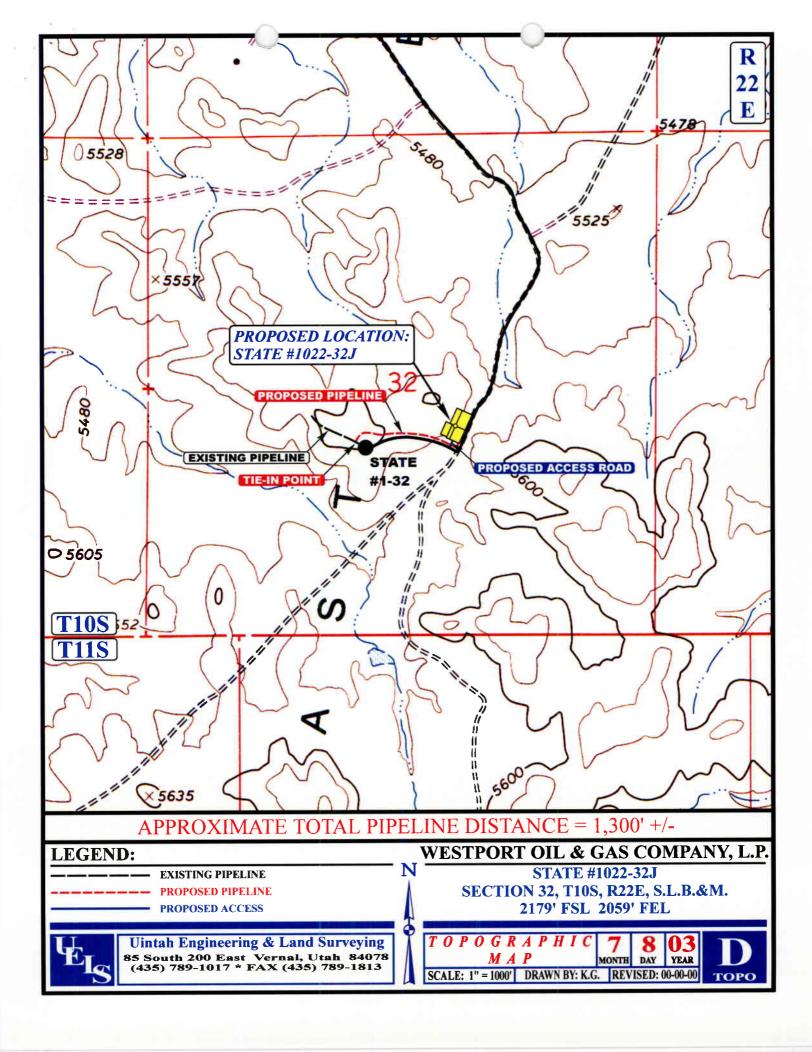
MONTH

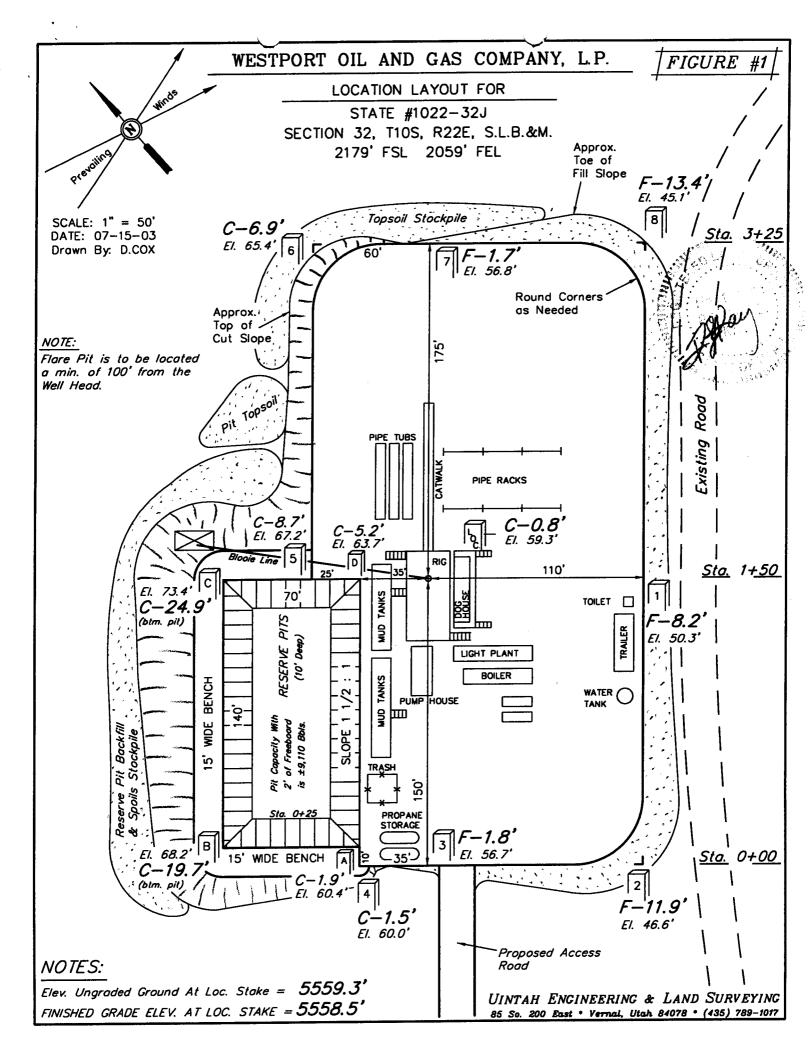
PHOTO

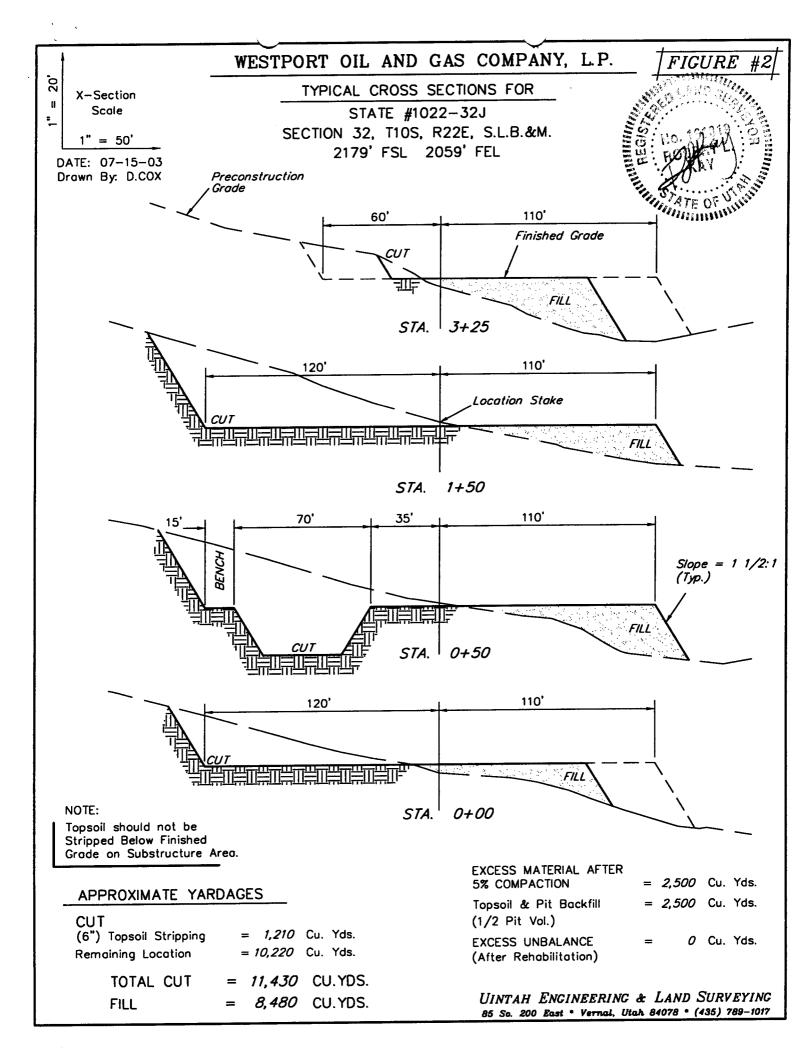
TAKEN BY: K.K. DRAWN BY: K.G. REVISED: 00-00-00



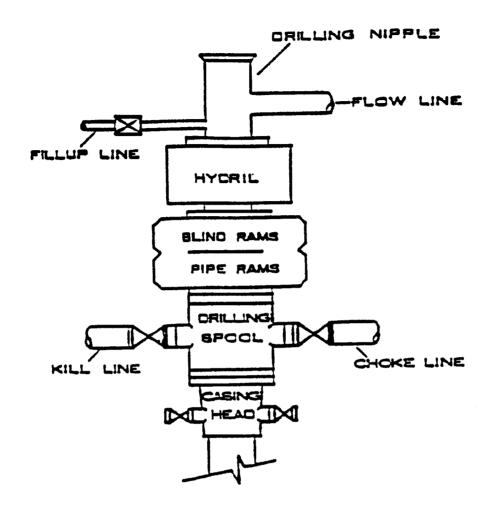


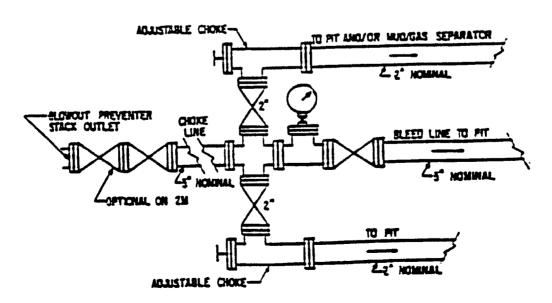






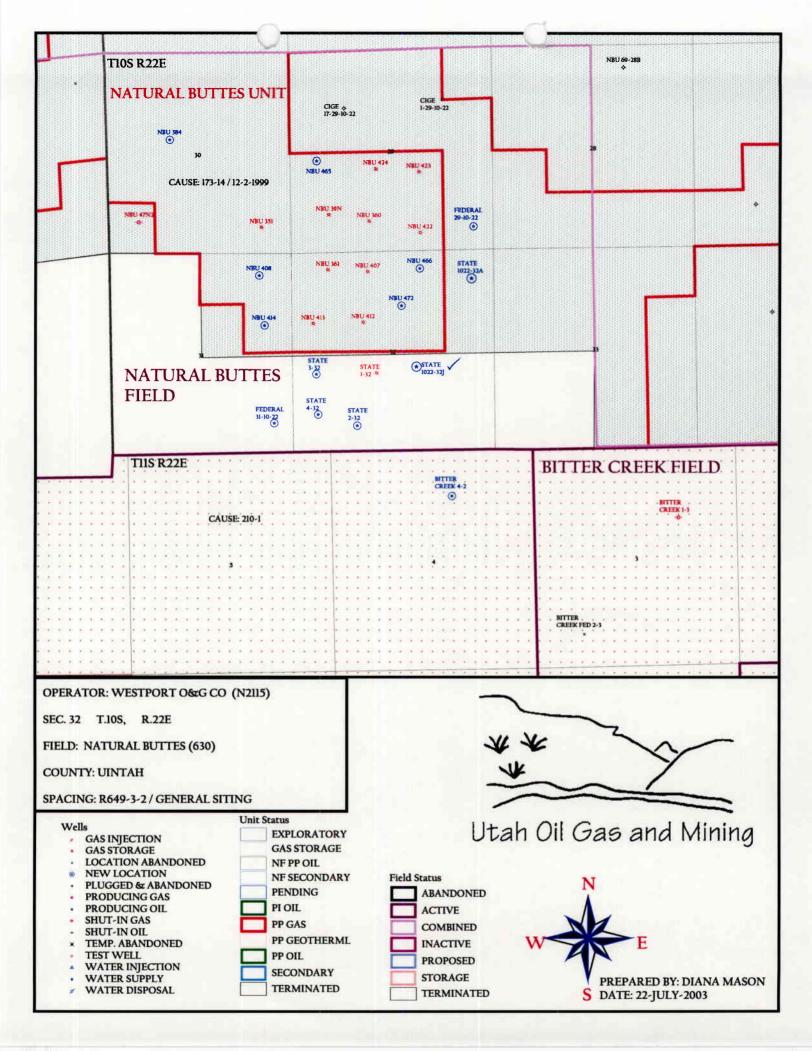
EOP STACK





APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/22/2003	API NO. ASSIGNED: 43-047-35095				
WELL NAME: STATE 1022-32J OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: CHERYL CAMERON	PHONE NUMBER: 4:	35-781-7023			
PROPOSED LOCATION:	INSPECT LOCATN	BY: /	/		
NWSE 32 100S 220E SURFACE: 2179 FSL 2059 FEL	Tech Review	Initials	Date		
BOTTOM: 2179 FSL 2059 FEL UINTAH NATURAL BUTTES (630)	Engineering Geology	DKO	8/14/03		
LEASE TYPE: 3 - State LEASE NUMBER: ML-22798	Surface				
SURFACE OWNER: 3 - State PROPOSED FORMATION: MVRD	LATITUDE: 39.9 LONGITUDE: 109.				
Plat Bond: Fed[] Ind[] Sta[3] Fee[] (No. RLB000523) Potash (Y/N) Y Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 19496 43-8496) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N)	R649-3-3. In the second	General 'rom Qtr/Qtr & 920' Exception it	Between Wells		
STIPULATIONS: 1-Spaint Stip 2-Oil Shale 3-Surface Casing Cont Stip 4- STATEMENT OF BASIS					



ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: WESTORT OIL AND GAS COMPANY, L.P.

WELL NAME & NUMBER: NBU 1022-32J

API NUMBER: 43-047-35095

LEASE: ML-22798 FIELD/UNIT: NATURAL BUTTES

LOCATION: 1/4,1/4 NW/SE Sec: 32 TWP: 10S RNG: 22E 2059' FEL 2179' FSL

LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): 4418044N 12 631589E SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), CARROLL ESTES, CARROLL WILSON, CLAY EINERSON, DEBRA DOMENICI (WESTPORT), ROBERT KAY (UELS), ED BONNER (SITLA).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON THE SOUTH SIDE OF A RIDGE THAT RUNS EAST TO WEST. THE TOP OF THIS RIDGE IS 400' TO THE NORTH. DRAINAGE IS TO THE SOUTH AT THE SITE BUT OVERALL DRAINAGE FOR THE AREA IS TO THE NORTHEAST TOWARD THE WHITE RIVER 3.3 MILES AWAY. OURAY, UTAH IS 22 MILES TO THE NORTHWEST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 245'. ACCESS ROAD WILL BE 90 FEET.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: <u>SEE ATTACHED MAP FROM</u> GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: <u>ALL CONSTRUCTION MATERIAL WILL BE</u> BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: <u>SAGE</u>, <u>SALTBRUSH</u>, <u>SHADSCALE</u>, <u>PRICKLEY PEAR</u>, <u>GREASEWOOD</u>, HORSEBRUSH: <u>PRONGHORN</u>, <u>RODENTS</u>, <u>SONGBIRDS</u>, <u>RAPTORS</u>, <u>COYOTE</u>, <u>RABBITS</u>.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: <u>VERY LITTLE NATURAL EROSION.</u>
<u>SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION</u>
<u>SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.</u>

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 140' BY 70' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A PLASTIC LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: <u>SITE WAS INSPECTED BY MONTGOMERY ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.</u>

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A HOT, CLOUDY, WINDY DAY.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

<u>DAVID W. HACKFORD</u> DOGM REPRESENTATIVE 8/07/03, 10:45 AM DATE/TIME

Et ation Ranking Criteria and Ranking Some For Reserve and Onsite Pit Liner Requirements

For Reserve and	Ourice bic piner	Kedallements
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200 75 to 100	5 10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)	_	
>1000	0 2	
300 to 1000 200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal		
Well (feet) >5280	0	
1320 to 5280	5	
500 to 1320	10	_
<500	20	0
Distance to Other Wells (feet)	0	
>1320 300 to 1320	0 10	
<300	20	10
Native Soil Type		
Low permeability	0	
Mod. permeability	10 20	0
High permeability	20	
Fluid Type	0	
Air/mist Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of	20	5
hazardous constituents	20	
Drill Cuttings Normal Rock	0	
Salt or detrimental	10	0
August Pussisistism (inches)		
Annual Precipitation (inches) <10	0	
10 to 20	5	
>20	10	0
Affected Populations	•	
<10	0 6	
10 to 30 30 to 50	8	
>50	10	0
Presence of Nearby Utility		
Conduits Not Present	0	
Unknown	10	
Present	15	0

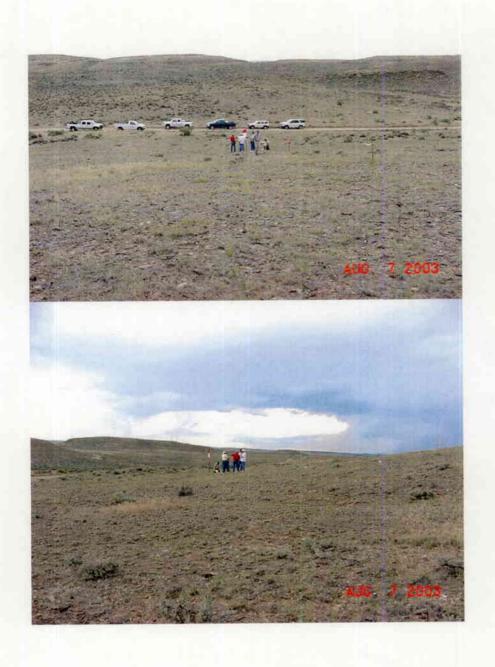
15 (Level II Sensitivity)

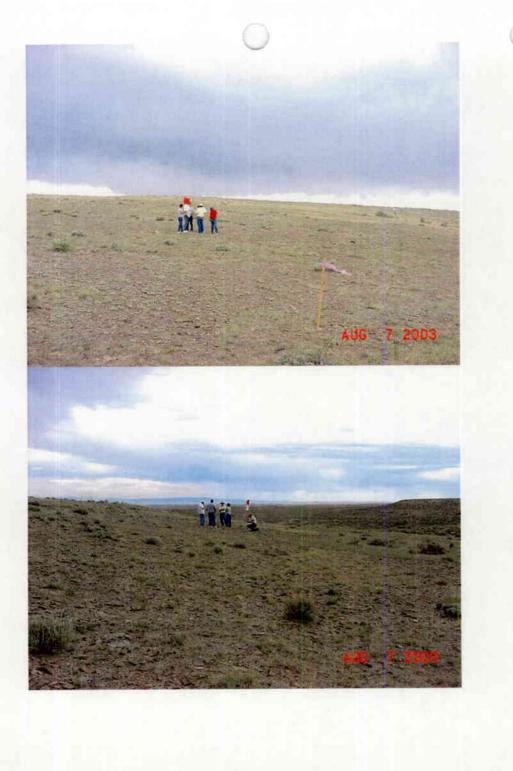
Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

Final Score





DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	WESTPORT OIL AND GAS COMPANY, L.P. STATE 1022-32J
WELL NAME & NUMBER:	STATE 1022-32J
API NUMBER:	
	32 TWP: 10S RNG: 22E 2059' FEL 2179' FSL
Geology/Ground Water:	
water at this location is estimated to shows no water wells within a 10,00 is the Uinta Formation. The Uinta are mostly lenticular and discontinu	rface casing at this location. The depth to the base of the moderately saline be at a depth of 3,600'. A search of Division of Water Rights records 00 foot radius of the center of section 32. The surface formation at this site Formation is made up of interbedded shales and sandstones. The sandstones ous and should not be a significant source of useable ground water. brought to above the base of the moderately saline groundwater in order to
Reviewer: Brad	Hill
Surface:	
SITLA were invited to this investigated construction of this location or the dappears to be the best site for a located rounded as needed.	face was performed on 8/07/03. Floyd Bartlett with DWR and Ed Bonner with ation on 7/23/03. Both were present. Neither had any concerns regarding the rilling of the well. This site is on State surface, with State minerals. This site ion in the immediate area. The north and northeast corners of location will be
Reviewer: David V	V. Hackford
Conditions of Approval/Applicati	on for Permit to Drill:

None.

UTAH DIVISION OF WATER RIGHTS

WATER RIGHT POINT OF DIVERSION PLOT CREATED TUE, AUG 12, 2003, 9:44 AM
PLOT SHOWS LOCATION OF 0 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT FEET, FEET OF THE CT CORNER, SECTION 32 TOWNSHIP 10S RANGE 22E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET

NORTH

	*	*
	*	*
	*	*
	*	
	*	*
	*	*
	*	*
	*	*
		*
	**	**
	***	***
	**	**
	***	* * *
)	***	***
	*****	*****
	***	****

Well name:

08-03 Westport Natural Buttes State 1022-32J

Operator:

Westport O&G Company

String type:

Production

Location:

Uintah

Project ID:

43-047-35095

Design parameters:

Collapse

Mud weight:

10.000 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

Environment:

H2S considered? Surface temperature: Bottom hole temperature:

No 65 °F 183 °F 1.40 °F/100ft

Temperature gradient: Minimum section length:

368 ft

Burst:

Design factor

1.00

Cement top:

(0 ft

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

611 psi 0.447 psi/ft 4,364 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

Premium: Body yield: 1.60 (J) 1.50 (J) 1.50 (B)

1.80 (J)

1.80 (J)

Tension is based on air weight. 7,144 ft Neutral point:

Non-directional string.

Run Seq	Segment		Nominal		End Finish	True Vert Depth	Measured Depth	Drift Diameter	Internal Capacity
	Length	Size	Weight	Grade					
	(ft)	(in)	(lbs/ft)			(ft)	(ft)	(in)	(ft³)
2	2000	4.5	11.60	M-80	LT&C	2000	2000	3.875	46.4
1	6400	4.5	11.60	J-55	LT&C	8400	8400	3.875	148.3
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
•	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
2	1039	5658	5.446	1504	7780	5.17	97	267	<u>2.74</u> B
1	4364	4960	1.137	4364	5350	1.23	74	162	2.18 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Date: August 13,2003 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE OIL Thate

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 8400 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

08-03 Westport Natural Buttes State 1022-32J

Operator:

Westport O&G Company

String type:

Surface

Project ID:

43-047-35095

Environment:

Location:

Uintah

Design parameters:

Collapse Mud weight:

Design is based on evacuated pipe.

8.400 ppg

Minimum design factors:

Collapse:

Design factor 1.125

H2S considered? Surface temperature:

Bottom hole temperature: Temperature gradient: Minimum section length:

65 °F 68 °F 1.40 °F/100ft 185 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J)

Cement top:

No

Burst

Max anticipated surface

360 psi pressure: Internal gradient: 0.447 psi/ft Calculated BHP 471 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

1.60 (J) 1.50 (J) Premium: Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 219 ft Non-directional string.

Re subsequent strings:

8,400 ft Next setting depth: Next mud weight: 10.000 ppg Next setting BHP:

Fracture mud wt: Fracture depth:

4,364 psi 19.250 ppg 650 ft

Injection pressure 650 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	250 -	9.625 ~	32.30	H-40 ^	ST&C -	250	250	8.876	15.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	109	1370	12.558	471	2270	4.82	8	254	31.46 J

Prepared

Clinton Dworshak

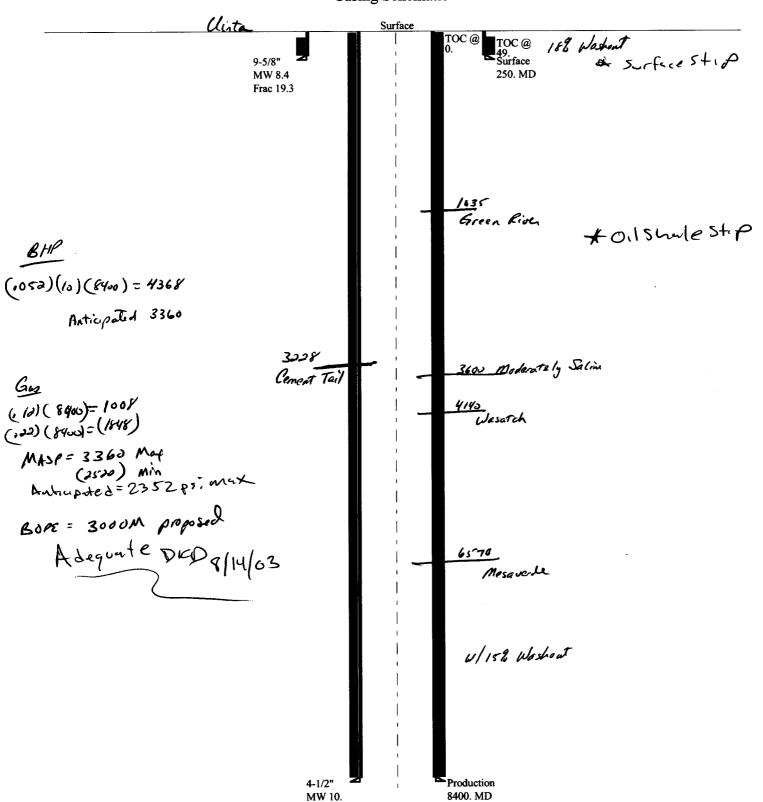
Utah Div. of Oil & Mining

Date: August 13,2003 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE SUCHECE GISING CONT STOP Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 250 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

08- Westport Natural Buttes Sta 1022-32J Casing Schematic



From:

Ed Bonner

To:

Mason, Diana

Date:

8/13/03 5:15PM

Subject:

Well Clearances

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Westport Oil & Gas NBU 1022-32A NBU 1022-32J

If you have any questions regarding this matter please give me a call.

CC:

Garrison, LaVonne; Hill, Brad; Hunt, Gil



Michael O. Leavitt Governor Robert L. Morgan Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 (801) 538-5340 telephone (801) 359-3940 fax (801) 538-7223 TTY www.nr.utah.gov

August 18, 2003

Westport Oil & Gas Company P O Box 1148 Vernal, UT 84078

Re:

State 1022-32J Well, 2179' FSL, 2059' FEL, NW SE, Sec. 32, T. 10 South, R. 22 East,

Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35095.

Sincerely,

Jøhn R. Baza

Associate Director

pab Enclosures

cc:

Uintah County Assessor

SITLA



Operator:	Westport Oil & Gas Company	
Well Name & Number	State 1022-32J	
API Number:	43-047-35095	
Lease:	ML-22798	

Location: NW SE

Sec. 32

T. 10 South

R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

Notification Requirements 2.

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

Reporting Requirements 3.

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, 4. historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator 5. shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

Page 2 Conditions of Approval API # 43-047-35095 August 18, 2003

- 6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 8. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:	WESTPORT OIL	& GAS COMPA	NY LP
Well Name:	STATE 1022-32J		
Api No: 43-047-3	5095 L	ease Type: STA	ATE
Section 32 Towns	hip 10S Range 22E	CountyU	NTAH
Drilling Contractor	PETE MARTIN	RIG #	BUCKET
SPUDDED: Date	03/22/04		
Time			
How	DRY		
Drilling will comme	ence:		
Reported by	BOB BINKLEY		
Telephone #	1-435-828-0982		
Date 03/23/2004	Signed	CHD	

P. 01

STATE OF UTAH
DIVISION OF OIL, GAS AND MAING
ENTITY ACTION FORM-FORM 6

OPERATOR	WESTPORT O&G COMPANY L.P.
ADDRESS	1368 SOUTH 1200 EAST
	VERNAL, UTAH 84078

OPERATOR	ACCT.	NU 7	2115
UPERAIUR	MA	MU. N	2113

ACTION	CURRENT	NEW	API NUMBER	WELL NAME			WELLLC	CATION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.	(A LIAMINE)		00	SC	TP	RG	COUNTY	DATE	DATE
A	99999	14096	35586 43-047- 34872	STATE 1022-32M	swsw	32	98	21B	HATMIU	3/21/2004	3/25/04
VELL 1 CC	MMENTS: TE MARTIN	L'	WS	STC							
		ON ON 3/21/04	AT 8 AM								T-2
ACTION	CURRENT	NEW	API NUMBER	WELL NAME	- 		WELL LO		COUNTY	SPUD DATE	DATE
COOE	ENTITY NO.	ENTITY NO.			00	\$C	I IP	RG	COUNTY	UNIE	DAIL
A	99999	14097	43-047-35095	STATE 1022-32J	NWSE	32	108	22E	UINTAH	3/22/2004	3/25/04
AIRU BI	OMMENTS: LL MARTIN I	KUG #2	IVRO								
			AT 18:00 HRS	WELL NAME		-	WELL 1	CATION	·	SPUD	I EFFECTIVE
ACTION	CURRENT ENTITY NO.	ENTITY NO.	API NUMBER	TIELL NAME	CO	SC	TP	RG	COUNTY	DATE	DATE
CUDE	ENILITAG	EMINI NO.									
ACTION	OMMENTS:	NEW	API NUMBER	WELL NAME				OCATION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			90	SC	TP	RG	COUNTY	DATE	DATE
							Ì				
WELL 4 C	OMMENTS:		<u> </u>								
ACTION	CURRENT	NEW	API NUMBER	WELL NAME				OCATION	COUNTY	SPUD DATE	EFFECTIVE DATE
CODE	ENTITY NO.	ENTITY NO.			00	SC	TP	RG	COUNTY	DATE	
WELL 5 C	OMMENTS:	<u></u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	L	1		1
A-	Establish new e	structions on bac entity for new well	k of form) I (single well only) proup or unit well)	Post-It* Fax Note 7671		4/04	ASS. P		Signature	Mark	eso
Ç- D-	Re-assign well Re-assign well	from one existing	entity to another existing entity to a new entity		CONST	2011 26) 76	28G CO 31-702	L.P.	REGULATOI	RY ANALYST	03/24/04 Date
			why each Action Code	Fax # (801) 354-394	O Fax A	AF C	LIVE		Phone No.	(435)	781-7024

Form 9

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

0 7 DIVISION OF OIL, GAS AND MINII	NG		gnation and Serial Number
			ML-22798
SUNDRY NOTICES AND REPORTS OF	N WELLS		ee or Tribe Name
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter Use APPLICATION FOR PERMIT for such proposals	plugged and abandoned wells.	8. Unit or Com	munitization Agreement
· Type of Well		9. Well Name a	and Number
Oil Gas Well Other (specify)		STA	TE 1022-32J
Name of Operator		10. API Well Nu	
VESTPORT OIL & GAS COMPANY L.P.	-		3-047-35095
Address of Operator	4. Telephone Number	11. Field and P	
368 SOUTH 1200 EAST VERNAL, UTAH 84078	(435) 781-7024	NAT	URAL BUTTES
Location of Well	County	: UINTAH	
Footage : 2179'FSL & 2059'FEL QQ, Sec, T., R., M : NWSE SECTION 32-T10S-R22E	•	: UTAH	
			P OTHER DATA
2. CHECK APPROPRIATE BOXES TO INDICATE NOTICE OF INTENT		BSEQUENT RE	
(Submit in Duplicate)		bmit Original Form	
Abandonment New Construction	Abandonment	*	New Construction
Casing Repair Pull or Alter Casing	Casing Repair	r	Pull or Alter Casing
Change of Plans Recompletion	Change of Pla		Shoot or Acidize
Conversion to Injection Shoot or Acidize	Conversion to		Vent or Flare
Fracture Treat Vent or Flare	Fracture Trea		Water Shut-Off
Multiple Completion Water Shut-Off	X Other WELI	L	1
Other			
Outer	Date of Work Completion	3/22/04	
Approximate Date Work Will Start	,		
	on WELL COMPLETION	OR RECOMPLETIO	
	* Must be accompar		
 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all per locations and measured and true vertical depths for all markers and zones pertin 	tinent details, and give pertinent ent to this work.)	dates. If well is direct	tionally drilled, give subsurface
MIRU BILL MARTIN JR'S RIG #2. DRILLED 12 1/4" SURFA	CE HOLE TO 2020'.		
RAN 9 5/8" 32.3# H-40 STC CSG. CMT W/175 SX PREM LIT		3.82 YIELD.	
TAILED W/200 SX PREM G + 2% CACL2 + 1/4#/SK FC @15.0	6 PPG 1.18 YIELD. FLC	ATS HOLDING	·
FW TO SURFACE. THEN FELL 30'. MIX & PMP 100 SX G +		C. NO RETURN	IS RECEIVED
MIX & PMP 100 SX G + 3% CACL + 1/4#/SK FC. CMT TO SU	RFACE.		ADD 0 5 200%
SPUD WELL LOCATION ON 3/22/04 AT 05:00 HRS.			APR 0 5 2004
STOD WILL BOOKING CONTROL OF THE CON			DIV. OF OIL, GAS & MINI
I hereby certify that the foregoing is true and correct.			
	Title Reg		

(State Use Only)

0

STATE OF UTAH

DEPARTMENT OF NATUR	RAL RESOURCES	
8 DIVISION OF OIL, GAS	3 AND MINING	6. Lease Designation and Serial Number ML-22798
		7. Indian Allottee or Tribe Name
SUNDRY NOTICES AND REP		
Do not use this form for proposals to drill new wells, deepen existing u Use APPLICATION FOR PERMIT I		Unit or Communitization Agreement
Type of Well		Well Name and Number
Oil Gas Other (specify)	STATE 1022-32J
Well Well Carton		10. API Well Number
VESTPORT OIL & GAS COMPANY L.P.		43-047-35095
. Address of Operator	4. Telephone Number	11. Field and Pool, or Wildcat
368 SOUTH 1200 EAST VERNAL, UTAH 84078	(435) 781-7024	NATURAL BUTTES
. Location of Well		
Footage : 2179'FSL & 2059'FEL	County	: UINTAH
QQ, Sec, T., R., M : NWSE SECTION 32-T10	S-R22E State	: UTAH
2. CHECK APPROPRIATE BOXES TO		CE. REPORT, OR OTHER DATA
NOTICE OF INTENT		SUBSEQUENT REPORT
(Submit in Duplicate)	(5	Submit Original Form Only)
Abandonment New Cons	struction Abandonme	ent * New Construction
		··· - - - - - - - - -
Casing Repair Pull or Alt		
Change of Plans Recomple		
Conversion to Injection Shoot or A	Acidize Conversion	
Fracture Treat Vent or FI	are Fracture Tre	eat Water Shut-Off
Multiple Completion Water Sho	ut-Off Other	
X Other REVISED TD & SURFACE CSG		
	Date of Work Completio	n
Approximate Date Work Will Start IMMEDIATE		
		ple Completions and Recompletions to different reservo
		ON OR RECOMPLETION AND LOG form. panied by a cement verification report.
3. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (C		
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (C locations and measured and true vertical depths for all markers	searry state all pertinent details, and give pertine and zones pertinent to this work.)	Tit dates. If well is directionally diffied, give subsumass
THE OPERATOR REQUESTS AUTHORIZATION	I TO CHANGE THE ORIGINAL TO	OTAL DEPTH FROM 8400',
TO 8650'. AND SET A DEEPER SURFACE CSG I	ROM 250' TO 1991'.	RECEIVED
TO STATE OF THE PROPERTY OF TH	C DD CCD ANA	
PLEASE REFER TO THE ATTACHED DRILLING	J PROGRAM.	APR 1 2 2004

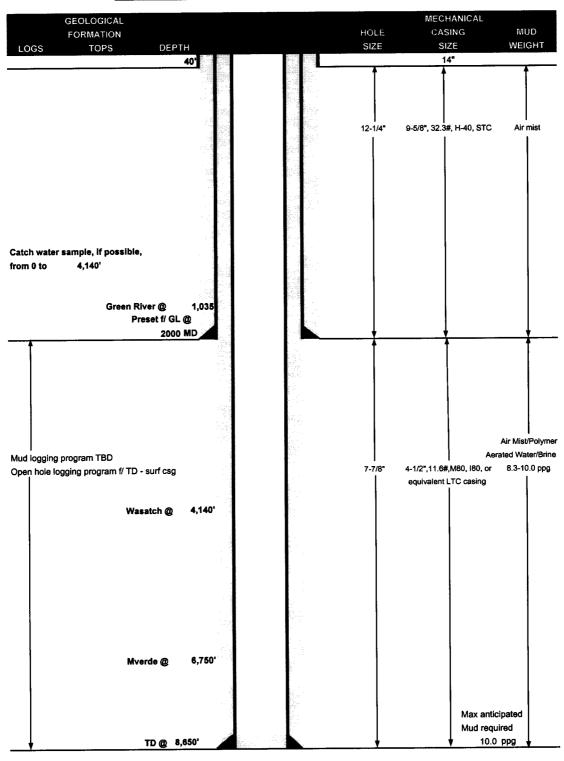
		DIV. OF OIL, GAS & MININ
	COPY SENT TO OPERATOR	Karrighe
	Date: 4-19-04	
	Initials CHO	
	A second are an accordance of the accordance of)
14. I hereby certify that the foregoing is true and correct,	2. All very and	
Name & Signature Sheila Upchego		egulatory Analyst Date 04/06/04
(State Use Only)	APPROVED BY THE	ESTATE ON OF
•	OF UTAH DIVISION	ON OF
	OIL, GAS, AND N	MANAC

(8/90)



Westport Oil and Gas Company, L.P. DRILLING PROGRAM

COMPAN	IY NAME	Westport Oil and Gas Co., L.P.	DA1	Έ	April 2, 20	004		
WELL NA	ME -	STATE 1022-32J	TD		8,650'	MD/TVD		
FIELD	Natural Butte	s COUNTY Uintah	STATE Utah	E	LEVATION	5,559' GL	KE	5,574'
SURFAC	E LOCATION	2179' FSL, 2059' FEL, NESE, S	EC. 32, T10S, R22E				BHL	Straight Hole
		Lat (39.904158) Long (109.446	1428)					
OBJECTI	VE ZONE(S)	Wasatch/Mesaverde						
ADDITIO	NAL INFO	Regulatory Agencies: UDOGM	(SURFACE AND MI	NERA	LS), Tri-Cou	nty Health Dept.		





Westport Oil and Gas Company, L.P. **DRILLING PROGRAM**

CASING PROGRAM

						1	DESIGN FACT	ORS
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'			1550	2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.87****** 7780	1.46 6350	4.49 201000
PRODUCTION	4-1/2"	0 to 8650	11.60	M-80 or I-80	LTC	3.00	1.41	2.30

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.0 ppg) .22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

2595 psi

Burst SF is low but cag is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psvft.

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1	55.5	+ .25 pps flocele				5 11 e divid
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCl + .25 pps flocele				
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to a	surface, o	ption 2 will	be utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
•	in the same	+.25 pps Flocele + 3% salt BWOC				
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION LEAD	3,640'	Premium Lite II + 3% KCI + 0.25 pps	400	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel	1.44.50			
		+ 0.5% extender				
	5. 5.5	[1] - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
TAIL	5,010'	50/50 Poz/G + 10% salt + 2% gel	1400	60%	14.30	1.31
		+.1% R-3				

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.							
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.							

ADDITIONAL INFORMATION

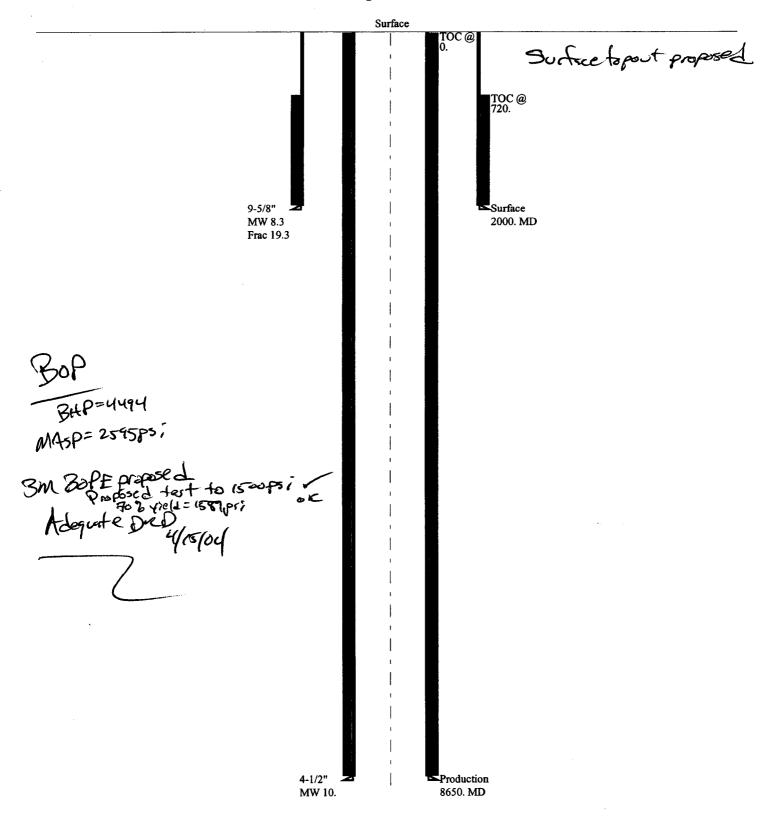
		psi after installing. Test surface casing to 1,500 psi prior to drilling out.
		annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & trams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper
	& lower kelly valves.	A fall is of feach alls. Walliam ealery varie a monde bot of ring near a rain most reary to be experted as a specific and a rain most reary to be experted as a specific and a rain most reary to be experted as a specific and a rain most rear and a rain most rear a rain most rear and a rain most rear a rain most rear and a rain most rear a rain most rear and a rain most rear a rain most rear and a rain most rear a rain most rear and a rain most rear a rain most rear and a rain most rear and a rain most rear a rain
	Drop Totco surveys eve	ry 2000'. Maximum allowable hole angle is 5 degrees.
NG	ENGINEER:	DATE:
		Brad Laney
		·

DRILLING SUPERINTENDENT: Randy Bayne DHD_STATE1022-32J_sundry

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

→ 04-04 Westport State 1022-¬Jrev.

Casing Schematic



Well name:

04-04 Westport State 1022-32Jrev.

Operator:

Westport Oil & Gas Co.

String type:

Production

Design is based on evacuated pipe.

Project ID:

43-047-345095

Location:

Collapse

Uintah County

10.000 ppg

Minimum design factors:

Collapse:

Design factor

1.125

Environment:

H2S considered? Surface temperature:

No 65 °F 186 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length:

368 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J)

1.60 (J)

Cement top:

Surface

Burst

Max anticipated surface

pressure: Internal gradient:

Design parameters:

Mud weight:

3,456 psi 0.120 psi/ft

Calculated BHP

4,494 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC:

Buttress: Premium:

1.50 (J) Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 7,357 ft Non-directional string.

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length (ft)	Size (in)	Welght (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Capacity (ft³)
1	8650	4.5	11.60	M-80	LT&C	8650	8650	3.875	200.5
Run Seq	Collapse Load	Collapse Strength	Collapse Design	Burst Load	Burst Strength	Burst Design	Tension Load	Tension Strength	Tension Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	4494	6350	1.41	4494	7780	1.73	100	267	2.66 B

Prepared

Dustin Doucet

Utah Dept. of Natural Resources

Phone: 801-538-5281

FAX: 801-359-3940

Date: April 15,2004 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Oil shale Cause No.; Surface casing cemented to surface

Collapse strength is based on the Westcott, Duniop & Kemier method of biaxial correction for tension.

Collapse is based on a vertical depth of 8650 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

04-04 Westport State 1022-32Jrev.

Operator:

Westport Oil & Gas Co.

Location:

String type:

Surface

Uintah County

Project ID:

43-047-3 5095

Design parameters:

Collapse

Mud weight:

8.330 ppg Design is based on evacuated pipe.

Minimum design factors: Collapse:

Design factor

1.125

Environment: H2S considered?

No Surface temperature: Bottom hole temperature:

65 °F 93 °F 1.40 °F/100ft

Temperature gradient: Minimum section length:

200 ft

Burst:

Design factor

Tension:

Buttress:

8 Round STC:

8 Round LTC:

1.00

1.80 (J)

1.80 (J)

1.60 (J)

1.50 (J)

1,755 ft

Cement top:

720 ft

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

1,760 psi 0.120 psi/ft

No backup mud specified.

2,000 psi

Premium: Body yield:

Neutral point:

1.50 (B)

Tension is based on air weight.

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

8,650 ft 10.000 ppg 4,494 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure

2,000 ft 2,000 psi

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Dlameter (in)	Capacity (ft³)
1	2000	9.625	32.30	H-40	ST&C	2000	2000	8.876	126.8
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	865	1370	1.58	2000	2270	1.13	65	254	3.93 J
									-

Prepared

Dustin Doucet

Utah Dept. of Natural Resources

Phone: 801-538-5281 FAX: 801-359-3940

Date: April 15,2004 Salt Lake City, Utah

ENGINEERING STIPULATIONS: Oil shale Cause No.; Surface casing cemented to surface Collapse strength is based on the Westcott, Dunlop & Kemler method of blaxial correction for tension.

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Form 9

0

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

0 9 DIVISION OF OIL, GAS AND MINIT	6. Lease Designation and Serial Number	
U		ML-22798
		7. Indian Allottee or Tribe Name
SUNDRY NOTICES AND REPORTS OF		0 11 1
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter Use APPLICATION FOR PERMIT — for such proposals	plugged and abandoned wells.	Unit or Communitization Agreement
1. Type of Well		Well Name and Number
Oil Well Gas Well Other (specify)		STATE 1022-32J
Name of Operator		10. API Well Number
WESTPORT OIL & GAS COMPANY L.P.		43-047-35095
3. Address of Operator	4. Telephone Number	11. Field and Pool, or Wildcat
1368 SOUTH 1200 EAST VERNAL, UTAH 84078	(435) 781-7024	NATURAL BUTTES
5. Location of Well		
Footage : 2179'FSL & 2059'FEL	•	UINTAH
QQ, Sec, T., R., M : NWSE SECTION 32-T10S-R22E	State :	UTAH
12. CHECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE	, REPORT, OR OTHER DATA
NOTICE OF INTENT		SSEQUENT REPORT
(Submit in Duplicate)	(Sub	omit Original Form Only)
Abandonment New Construction	Abandonment	* New Construction
Casing Repair Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans Recompletion	Change of Plan	ns Shoot or Acidize
Conversion to Injection Shoot or Acidize	Conversion to	Injection Vent or Flare
Fracture Treat Vent or Flare	Fracture Treat	Water Shut-Off
Multiple Completion Water Shut-Off	Other DRILL	ING OPERATIONS
	<u> </u>	31.0 01.11.01.0
Other	Date of Work Completion	4/16/04
Approximate Date Work Will Start	Date of Work Completion	4/10/04
Approximate Date Work Will Start	Report results of Multiple	Completions and Recompletions to different reservoirs
		OR RECOMPLETION AND LOG form.
	<u> </u>	ed by a cement verification report.
 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pert locations and measured and true vertical depths for all markers and zones pertine 		lates. If well is directionally drilled, give subsurface
locations and measured and true vertical depths for all markers and zones pertine	ant to this work.)	
FINISHED DRILLING FROM 2020' TO 8500'. RAN 4 1/2" 11.0	6# M-80 LTC CSG.	
CMT W/20 SX SCAVENGER CMT @9.5 PPG FOLLOWED BY		
@11.0 PPG 3.38 YIELD TAILED W/1513 SX 50/50 POX @14.3		
FLOATS HELD 30 BBLS SCAVENGER + 60 BBLS LEAD CM	Γ CIRC TO PIT = 120 SX	X
RECIPROCATED PIPE THROUGH OUT JOB.		
RELEASED CAZA 81 RIG ON 4/16/04 AT 0600 HRS.		
REDEFICIES CHERT OF RECOVERY TO COMMITTEE CONTROL		
Marie Company		
14. I hereby certify that the foregoing is true and correct.		
Name & Signature Sheila Upchego	////////// Title Regu	latory Analyst Date 04/16/04
(State Use Only)		RECEIVED
		ADO 1 0 2004
		APR 1 9 2004

Form 9	_	AIE OF UIAH	IDOEC				
		OF NATURAL RESOL			6. Lease Design	nation and Se	rial Number
10	DIVISION OF	FOIL, GAS AND MIN	ING		i -	ML-22798	lai Number
			·····		7. Indian Allotte		me
CHINDS	V NOTICES /	AND REPORTS O	NWELL	9	7. 11,01017 11,010	0 01 11100 1101	
		eepen existing wells, or to reente			8. Unit or Comn	nunitization Ar	greement
Do not use this form for prop		OR PERMIT for such proposals				•	-
Type of Well				· · · · · · · · · · · · · · · · · · ·	9. Well Name a	nd Number	
	₩ Gas	Other (specify)			G/TD A /	TITI 1000 1	10 T
Well L	X Well	Otrier (specify)				ГЕ 1022-3	<u> </u>
2. Name of Operator		_			10. API Well Nu		
WESTPORT OIL & G	AS COMPANY L	.P.	I.A. Total	haaa Nuushaa		-047-35095	
3. Address of Operator			1 '	hone Number	11. Field and Po	JRAL BUTT	
1368 SOUTH 1200 EA	ST VERNAL, UI	AH 840/8	(435)	781-7024	NATO	KAL BUTT	. ES
5. Location of Well	2170000 0 20	FOIEEI		County	: UINTAH		
Footage	: 2179'FSL & 20	ON 32-T10S-R22E		•	: UTAH		
			- NATUDE			OTUED	ATA
L		BOXES TO INDICATI	ENATURE		BSEQUENT REP		MIA
	NOTICE OF INTER (Submit in Duplicate				ubmit Original Form	_	
F	(Subitilit iit Duplicate						
Abandonment		New Construction		Abandonmen		New Constr	
Casing Repair		Pull or Alter Casing		Casing Repai	ir	Pull or Alter	
Change of Plans		Recompletion		Change of Pla	ans	Shoot or Ad	cidize
Conversion to Inje	ection	Shoot or Acidize		Conversion to	o Injection	Vent or Flai	re
Fracture Treat		Vent or Flare		Fracture Trea	at 🔲	Water Shut	-Off
Multiple Completic	on 🗂	Water Shut-Off	X	Other PROT	DUCTION STAR	T-UP	
Other	···						
Calei			Date of W	ork Completion	5/22/04		
Approximate Date Work V	Mill Start				<u></u>		
Approximate Date Work			Report	t results of Multiple	e Completions and Rec	ompletions to di	fferent reservoir
					N OR RECOMPLETION		
					nied by a cement ve		
13. DESCRIBE PROPOSE	D OR COMPLETED OP	ERATIONS (Clearly state all per for all markers and zones perti	ertinent details, nent to this wor	and give pertinent ·k \	dates. If well is direction	onally drilled, giv	ve subsurface
locations and measured	and true vertical deptils	tor all markers and zones peru		к.,			
THE SUBJECT WELL	L LOCATION WA	S PLACED ONTO SA	LES ON 5/2	22/04 AT 10 A	AM.		
PLEASE REFER TO	THE ATTACHED	CHRONOLOGICAL V	VELL HIST	ORY.			
							<u></u>
14. I hereby certify that	the foregoing is true:	and correct.	,				
Nome & Signature	Sheila Upckego	Mulla Ma	r/hom	// Title Reg	gulatory Analyst	Date	05/24/04
Name & Signature	mena Operego	y wight full	week	/			
(State Use Only)					RECE	:ハトロ	

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

STATE 10-22-32J

UINTAH COUNTY, UT

	SPUD	Surface Casing	Activity	Status
9/17/03			Build Location, 5% Complete	
9/18/03			Build Location, 5% Complete	
9/19/03			Build Location, 5% Complete	
9/22/03			Build Location, 5% complete	
9/23/03			Build Location, 40% complete	Caza 7
9/24/03			Build Location, 40% complete	Caza 7
9/25/03			Build Location, 40% complete	Caza 7
9/26/03			Build Location, 50% complete	Caza 7
9/29/03			Build Location, 55% Complete	Caza 7
9/30/03			Build Location, 70% complete	Caza 7
10/1/03			Build Location, 85% complete	Caza 7
10/2/03			Build Location, 95% complete	Caza 7
10/3/03			Build Location, 100% complete	Caza 7
10/6/03			Build Location, 100% complete	Caza 7
10/7/03			Build Location, 85% complete	Caza 7
10/8/03			Build Location, 85% complete	Caza 7
10/9/03			Build Location, 100% complete	Caza 7
10/10/03			Build Location, 100% complete	Caza 7
10/13/03			Build Location, 100% complete	Caza 7
10/14/03			Build Location, 100% complete	
10/15/03			Build Location, 100% complete	

10/16/03		Build Location, 100% complete	
10/17/03	w/o Air Rig	Location Complete	Caza 82
10/20/03	w/o Air Rig	Location Complete	Caza 82
10/21/03	w/o Air Rig	Location Complete	Caza 82
10/22/03	w/o Air Rig	Location Complete	Caza 82
10/23/03	w/o Air Rig	Location Complete	Caza 82
10/24/03	w/o Air Rig	Location Complete	Caza 82
10/27/03	w/o Air Rig	Location Complete	Caza 82
10/28/03	w/o Air Rig	Location Complete	Caza 82
10/29/03	w/o Air Rig	Location Complete	Caza 82
10/30/03	w/o Air Rig	Location Complete	Caza 82
10/31/03	w/o Air Rig	Location Complete	Caza 82
11/3/03	w/o Air Rig	Location Complete	Caza 82
11/4/03	w/o Air Rig	Location Complete	Caza 82
11/5/03	w/o Air Rig	Location Complete	Caza 82
11/6/03	w/o Air Rig	Location Complete	Caza 82
11/7/03	w/o Air Rig	Location Complete	Caza 82
11/10/03	w/o Air Rig	Location Complete	Caza 82
11/11/03	w/o Air Rig	Location Complete	Caza 82
11/12/03	w/o Air Rig	Location Complete	Caza 82
11/13/03	w/o Air Rig	Location Complete	Caza 82
11/14/03	w/o Air Rig	Location Complete	Caza 82
11/17/03	w/o Air Rig	Location Complete	Caza 82
11/18/03	w/o Air Rig	Location Complete	Caza 82
11/19/03	w/o Air Rig	Location Complete	Caza 82
11/20/03	w/o Air Rig	Location Complete	Caza 82
11/21/03	w/o Air Rig	Location Complete	Caza 82
11/24/03	w/o Air Rig	Location Complete	Caza 82

11/25/03	w/o Air Rig	Location Complete	Caza 62
11/26/03	w/o Air Rig	Location Complete	Caza 82
12/1/03	w/o Air Rig	Location Complete	Caza 82
12/2/03	w/o Air Rig	Location Complete	Caza 82
12/3/03	w/o Air Rig	Location Complete	Caza 82
12/4/03	w/o Air Rig	Location Complete	Caza 82
12/5/03	w/o Air Rig	Location Complete	Caza 82
12/8/03	w/o Air Rig	Location Complete	Caza 82
12/9/03	w/o Air Rig	Location Complete	Caza 82
12/10/03	w/o Air Rig	Location Complete	Caza 82
12/11/03	w/o Air Rig	Location Complete	Caza 82
12/12/03	w/o Air Rig	Location Complete	Caza 82
12/15/03	w/o Air Rig	Location Complete	Caza 82
12/16/03	w/o Air Rig	Location Complete	Caza 82
12/17/03	w/o Air Rig	Location Complete	Caza 82
12/18/03	w/o Air Rig	Location Complete	Caza 82
12/19/03	w/o Air Rig	Location Complete	Caza 82
12/20/03	w/o Air Rig	Location Complete	Caza 82
12/23/03	w/o Air Rig	Location Complete	Caza 82
12/29/03	w/o Air Rig	Location Complete	Caza 82
12/30/03	w/o Air Rig	Location Complete	Caza 82
1/2/04	w/o Air Rig	Location Complete	Caza 82
1/5/04	w/o Air Rig	Location Complete	Caza 82
1/6/04	w/o Air Rig	Location Complete	Caza 82
1/7/04	w/o Air Rig	Location Complete	Caza 82
1/8/04	w/o Air Rig	Location Complete	Caza 82
1/9/04	w/o Air Rig	Location Complete	Caza 82
1/12/04	w/o Air Rig	Location Complete	Caza 82

1/13/04	w/o Air Rig	Location Complete	Caza 82
1/14/04	w/o Air Rig	Location Complete	Caza 82
1/15/04	w/o Air Rig	Location Complete	Caza 82
1/16/04	w/o Air Rig	Location Complete	Caza 82
1/19/04	w/o Air Rig	Location Complete	Caza 82
1/20/04	w/o Air Rig	Location Complete	Caza 82
1/21/04	w/o Air Rig	Location Complete	Caza 82
1/22/04	w/o Air Rig	Location Complete	Caza 82
1/23/04	w/o Air Rig	Location Complete	Caza 82
1/26/04	w/o Air Rig	Location Complete	Caza 82
1/27/04	w/o Air Rig	Location Complete	Caza 82
1/28/04	w/o Air Rig	Location Complete	Caza 82
1/29/04	w/o Air Rig	Location Complete	Caza 82
1/30/04	w/o Air Rig	Location Complete	Caza 82
2/2/04	w/o Air Rig	Location Complete	Caza 82
2/3/04	w/o Air Rig	Location Complete	Caza 82
2/4/05	w/o Air Rig	Location Complete	Caza 82
2/5/04	w/o Air Rig	Location Complete	Caza 82
2/6/04	w/o Air Rig	Location Complete	Caza 82
2/9/04	w/o Air Rig	Location Complete	Caza 82
2/10/04	w/o Air Rig	Location Complete	Caza 82
2/11/04	w/o Air Rig	Location Complete	Caza 82
2/12/04	w/o Air Rig	Location Complete	Caza 82
2/13/04	w/o Air Rig	Location Complete	Caza 82
2/16/04	w/o Air Rig	Location Complete	Caza 82
2/17/04	w/o Air Rig	Location Complete	Caza 82
2/18/04	w/o Air Rig	Location Complete	Caza 82
2/19/04	w/o Air Rig	Location Complete	Caza 82

2/20/04		w/o Air Rig	Location Complete	Caza 82
2/23/04		w/o Air Rig	Location Complete	Caza 82
2/24/04		w/o Air Rig	Location Complete	Caza 82
2/25/04		w/o Air Rig	Location Complete	Caza 82
2/26/04		w/o Air Rig	Location Complete	Caza 82
2/27/04		w/o Air Rig	Location Complete	Caza 82
3/1/04		w/o Air Rig	Location Complete	Caza 82
3/2/04		w/o Air Rig	Location Complete	Caza 82
3/3/04		w/o Air Rig	Location Complete	Caza 82
3/3/04		w/o Air Rig	Location Complete	Caza 82
3/4/04		w/o Air Rig	Location Complete	Caza 82
3/5/04		w/o Air Rig	Location Complete	Caza 82
3/8/04		w/o Air Rig	Location Complete	Caza 82
3/9/04		w/o Air Rig	Location Complete	Caza 82
3/10/04		w/o Air Rig	Location Complete	Caza 82
3/11/04		w/o Air Rig	Location Complete	Caza 82
3/12/04		w/o Air Rig	Location Complete	Caza 82
3/15/04		w/o Air Rig	Location Complete, E Bench	Caza 81
3/16/04		w/o Air Rig	Location Complete, E Bench	Caza 81
3/17/04		w/o Air Rig	Location Complete, E Bench	Caza 81
3/18/04		w/o Air Rig	Location Complete, E Bench	Caza 81
3/19/04		w/o Air Rig	Location Complete, E Bench	Caza 81
3/22/04		w/o Air Rig	Location Complete, E Bench	Caza 81
3/23/04		w/o Air Rig	Location Complete, E Bench	Caza 81
3/24/04	3/22/04		DA @ 1100' w/Air Rig	Caza 81
3/25/04	3/22/04		Drlg to 2020' w/Air Rig	Caza 81
3/26/04	3/22/04	9 5/8" @1991'	Set 9 5/8" w/Air Rig	Caza 81
3/29/04	3/22/04	9 5/8" @1991'		WORT Caza 81

3/20/04	3/22/04	9 5/8" @1991'			WORT Caza 81
3/31/04	3/22/04	9 5/8" @1991'			WORT Caza 81
4/1/04	3/22/04	9 5/8" @1991'			WORT Caza 81
4/2/04	3/22/04	9 5/8" @1991'			WORT Caza 81
4/5/04	3/22/04	9 5/8" @1991'			WORT Caza 81
4/6/04	TD: 2020' Csg MIRU Caza 81. Rig	_	MW: 8.4	SD: 4/X/04	DSS: 0
4/7/04	TD: 2020' Csg Rig on repair. NU au time.	. 9 5/8" @ 1991' nd test BOPE. Rig			DSS: 0 PU BHA @ report
4/8/04	TD: 3450' Csg PU BHA and drill ce DA @ report time.	. 9 5/8" @ 1991' ment and FE. Rota			
4/12/04	TD: 7760' Csg Drill from 3450'-775	. 9 5/8" @ 1991' 5'. TFNB and MM			DSS: 5 report time.
4/13/04	TD: 8162' Csg Drill from 7760'-816			SD: 4/7/04	DSS: 6
4/14/04	TD: 8470' Csg Drill from 8162'-847	. 9 5/8" @ 1991' 0'. DA @ report tiı		SD: 4/7/04 500'.	DSS: 7
4/15/04	TD: 8500' Csg Drill from 8470'-850 drill pipe to condition			SD: 4/7/04 with logger TD (DSS: 8 @ 8494. TIH with
4/16/04	TD: 8500' Csg CCH for casing and ND BOPE and set sli	. 9 5/8" @ 1991' cement. LDDP and ps. Release rig @ 0	MW: 10.4 run 4.5" casing 1600 4/16/04. Me	SD: 4/7/04 . Cement casing vove rig to NBU 10	DSS: 8 with good returns. 122-30E today.
5/14/04	PROG: 7:00 a.m. H MIRU. WELL HAD BIT SUB. TALLY 1 HR MAKE RIG 5:00 P.M.	50# SICP. BLEEI 77 JTS 2 3/8" J-55) PSI OFF. NDV 8RD TBG & RI	WH. NUBOP. P/	U 3 7/8" BIT & TRAILER. (S/D 1
5/17/04	PROG: HELD SAFE				

TBG. TAG CMNT @ 8450' (264 JT TBG). RU PMP TO CSG, CIRC WELL. CLEAN

W/130 BBL 2% KCL. PRES TST CSG TO 2000# - HELD. POOH W/264 JTS 2 3/8" TBG, LD BIT SUB & 3 7/8" ROCK BIT. MIRU CUTTER WL. PU LOGGING TOOLS RIH RUN CBL, CCL & GAMMA LOG FROM 8440' TO SURF. POOH & LD LOGGING TLS, PU 3 3/8" PERF GUN RIH SHOOT PERFS FROM 8396-8402' & 8382-8388' BOTH ZONES 2 SPF 180 DEG PHASING. POOH & LD GUN, RD CUTTERS. RU DBL BLIND ON BOP CLOSE WELL IN. SDFWE.

5/18/04

PERF AND FRAC STG. 1-3 W/450,000# SAND. PERF & PREP STG 4 & SDFN.

5/19/04

PROG: PERF & FRAC STG 4-7 W/ 700,000# SAND. RDMO SCHLUMBERGER & CUTTERS. PREP TO RIH IN AM.

5/20/04

PROG: HELD SAFETY MEETING. OPEN WELL, 0#. PU 3 7/8" ROCK BIT & FAST EDDIE POBS. RIH W/TOOLS AND 2 3/8" TBG TAG PLUG #1 @6450', 15 MIN THRU PLUG, 400# PRES INCR. RIH TAG FILL @ 6600', TAG PLUG #2 @ 6610', 10 MIN THRU PLUG, 300# PRES INCR. RIH TAG FILL @ 6837', TAG PLUG #3 @ 6865', 10 MIN THRU PLUG, 500# PRES INCR. RIH TAG FILL @ 7115', TAG PLUG #4 @ 7125', 8 MIN THRU PLUG, 400# PRES INCR. RIH

TAG FILL @ 7380', TAG PLUG #5 @ 7400', 10 MIN THRU PLUG, 0# PRES INCR. RIH TAG FILL @ 7935', TAG PLUG #6 @ 8010', 20 MIN THRU PLUG, 500# PRES INCR. RIH TAG FILL @ 8130', TAG PLUG #7 @ 8160', 8 MIN THRU PLUG, 200# PRES INCR. RIH TAG FILL @ 8410', CLEAN OUT TO PBTD @ 8450'. POOH & LD 37 JTS 2 3/8" TBG. HANG OFF TBG W/EOT @ 7257'. NDBOP, NUWH, RUN FLOW LN TO PIT. RU PMP TO TBG DROP BALL PUMP OFF POBS W/3200#. FLOW WELL TO PIT, CSG @ 620#, TBG @ 65#. TURN WELL OVER TO FLOW BACK CREW. KB@ 16', 4 1/16" TBG HNGR 1', 226 JTS 2 3/8" J-55 TBG @ 7239.23', FAST EDDIE POBS 1.73", EOT @ 7257.96'. TOTAL LOAD TO REC @ 9150 BBL. RIG REC 1280 BBL. 7870 BBL LEFT TO RECOVER.

5/21/04

PROG: WELL ON FLOWBACK.

FLOWBACK REPORT: CP: 1500#, TP: 500#, 32/64" CHK, 40 BWPH, 23 HRS, SD: TRACE, TTL BBLS FLOWED: 1525, TODAY'S LTR: 6265 BBLS, LOAD REC TODAY: 1525 BBLS, REMAINING LTR: 4740 BBLS, TOTAL LOAD REC TO DATE: 4410 BBLS.

5/24/04

PROG: WENT ON SALES 5/22/04, 10:00, 1200 MCF, 20/64" CHK, SICP: 1017#, FTP: 783#, 15 BWPH. FINAL REPORT.

ON SALES

5/22/04: 903 MCF, 0 BC, 350 BW, TP: 733#, CP: 1388#, 20/64" CHK, 19 HRS, LP: 94#.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

6/28/2004 SIGNED SHEILA UPCHEGO TITLE REGULATORY ANALYST

Seé Spaces for Addition Data on Reverse Side

SOLD

35. LIST OF ATTACHMENTS

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data [TEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments. and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a

TEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of pertinent to such interval. the cementing tool.

[TEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above)

	ď	True Vert. Depth	
GEOLOGIC MARKERS	Top	Meas. Depth	
		Name	
38.			
	Description, contents, etc.		
	Descri		
of, cored intervals; ushion used, eries.	Bottom		4046' 6461'
y and contents therec ppth interval tested, c pressures, and recove	Ton		993' 4046' 6461'
37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open. flowing and shut-in pressures, and recoveries.	Formetion	rolliation	GREENRIVER WASATCH MESAVERDE

Additional Page For Comments

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

ML-22798 Lease Serial No.

STATE 1022-32J 2179'FSL & 2059'FEL API #43-047-35095 **NWSE SEC. 32-T10S-R22E**

ITEM# 25, 26 & 27

INTERVAL	SIZE	NUMBER
<u>MESAVERDE</u>		
8382'-8402' 8102'-8110' 7966'-7868' 7220'-7362' 7000'-7097' 6812'-6826'	3 3/8" 3 3/8" 3 3/8" 3 3/8" 3 3/8" 3 3/8"	16 HOLES 36 HOLES 62 HOLES 72 HOLES 28 HOLES
6560'-6574'	3 3/8"	28 HOLES

DEPTH INTERVAL

AMOUNT & KIND OF MATERIAL

MESAVERDE

8382'-8402'	FRAC W/67,700# 20/40 SD W/YF118ST
8102'-8110'	FRAC W/52,900# SD W/YF118SY, SCREENED OUT ON FLUSH
	W/38,125# IN FORMATION
7966'-7868'	FRAC W/337,700# SD W/YF118ST
7220'-7362'	FRAC W/314,500# 20/40 W/YF118ST
7000'-7097'	FRAC W/260,500# SD W/YF118ST
6812'-6826'	FRAC W/81,800# SD YF116ST
6560'-6574'	FRAC W/63,300# SD W/YF116ST

Form 9

DEPARTMENT OF NATURAL RESOURCES

DIVIS	NG	6. Lease Designation and Serial Number	
·		MULTIPLE WELLS- SEE ATTACHED	
SUNDRY NOTI	CES AND REPORTS OF	N WELLS	7. Indian Allottee or Tribe Name
	ew wells, deepen existing wells, or to reenter		Unit or Communitization Agreement
1 1	ICATION FOR PERMIT — for such proposals		MULTIPLE WELLS- SEE ATTACHED
1. Type of Well	A		Well Name and Number
Gas			
2. Name of Operator		MULTIPLE WELLS- SEE ATTACHED 10. API Well Number	
WESTPORT OIL & GAS COMP	PANY I.P		MULTIPLE WELLS- SEE ATTACHED
3. Address of Operator	2 L. L. J. L.	4. Telephone Number	11. Field and Pool, or Wildcat
1368 SOUTH 1200 EAST, VERN	NAL, UTAH 84078	435-781-7060	MULTIPLE WELLS- SEE ATTACHED
5. Location of Well			
Footage : MULT	IPLE WELLS- SEE ATTACHEI	D County:	UINTAH
QQ, Sec, T., R., M : MULT	IPLE WELLS- SEE ATTACHEI	D State :	UTAH
12. CHECK APPROPE	RIATE BOXES TO INDICATE	NATURE OF NOTICE	, REPORT, OR OTHER DATA
NOTICE O	F INTENT	SUE	BSEQUENT REPORT
(Submit in	Duplicate)	(Sut	bmit Original Form Only)
Abandonment	New Construction	Abandonment	* New Construction
Casing Repair	Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans	Recompletion	Change of Plan	ns Shoot or Acidize
Conversion to Injection	Shoot or Acidize	Conversion to	Injection Vent or Flare
Fracture Treat	Vent or Flare	Fracture Treat	Water Shut-Off
Multiple Completion	Water Shut-Off	Other	
X Other VARIANCE			
		Date of Work Completion	
Approximate Date Work Will Start			
		1 '	Completions and Recompletions to different reservoirs
		ł .	OR RECOMPLETION AND LOG form. led by a cement verification report.
13. DESCRIBE PROPOSED OR COMPLI	ETED OPERATIONS (Clearly state all per		lates. If well is directionally drilled, give subsurface
locations and measured and true vertice	cal depths for all markers and zones pertine	ent to this work.)	
Westport Oil & Gas requests a va		- -	
· ·		_	nic analysis shows the value of the
producing life of the well.	t the incremental cost of purchas	ing and maintaining the v	valve resulting in a loss of value over the
producing inte of the wen.			
The volume lost to shrinkage by	dropping the tank pressure from	6 ozs. to 0 psig is shown t	to be 0.3% of the tank volume. This was
•			om 98.82% of original volume to 98.52%
		•	ate per month. The resulting shrinkage
			k and lost condensate does not recoup
			ositive tank pressure. An economic ariance in order to increase the value
of the well to the operator and the	-	equesis approvar or uns va	ă B
or and work to also operator and and			COPY SENT TO OPERATOR Date: 7-16-04
14. I hereby certify that the foregoing	is true and correct.		initials:CAC
Name & Signature Debra Dome	enici I de la Toma	Title Environ	nmental Assistant Date 07/12/04
Accepte	od by the		
	ivision of	Approval Of This	RECEIVED
OII, Gas a	r a Schill	on is Necessary	JUL 1 4 2004
Date: 0 1/5.	104	y	JUL 17 ZUUT
(8/90) By: \(\sqrt{5}\)	See Instructions	s on Reverse Side	DIV. OF OIL, GAS & MINING

WELL	LEGALS	STF LEASE NO	CA NUMBER	API NO
ARCHY BENCH STATE 1-2	NENE SEC 2, T11S, R22E	ML22348A		4304731489
BAYLESS STATE 02-01	SWSE SEC 2, T9S, R20E	ML47044		4304734540
BONANZA 1023-2A	NENE SEC. 2, T10S, R23E	ML47062		4304735347
BONANZA 1023-2C	NENW SEC. 2, T10S, R23E	ML47062		4304735346
BONANZA 1023-2E	SWNW SEC. 2, T10S, R23E	ML47062		4304735345
KENNEDY WASH STATE 16-1	NWNW SEC 16, T8S, R23E	ML47212		4304733589
MORGAN STATE 01-36	SENW SEC 36, T9S, R21E	ML22265		4304730600
MORGAN STATE 02-36	NWNE SEC 36, T9S, R21E	ML22265		4304732585
MORGAN STATE 03-36	NWNE SEC 36, T9S, R21E	ML22265		4304732589
MORGAN STATE 04-36	NWSW SEC 36, T9S, R21E	ML22265		4304732729
MORGAN STATE 05-36	NWSE SEC 36, T9S, R21E	ML22265		4304732735
MORGAN STATE 06-36	SWNW SEC 36, T9S, R21E	ML22265		4304732810
MORGAN STATE 07-36	NENW SEC 36, T9S, R21E	ML22265		4304732811
MORGAN STATE 08-36	NENE SEC 36, T9S, R21E	ML22265		4304732812
MORGAN STATE 09-36	SWNE SEC 36, T9S, R21E	ML22265		4304732815
MORGAN STATE 10-36	SENE SEC 36, T9S, R21E	ML22265		4304732816
MORGAN STATE 11-36	NESW SEC 36, T9S, R21E	ML22265		4304732813
MORGAN STATE 12-36	NESE SEC 36, T9S, R21E	ML22265		4304732814
MORGAN STATE 13-36	SESE SEC 36, T9S, R21E	ML22265		4304732817
MORGAN STATE 14-36	SWSW SEC 36, T9S, R21E	ML22265		4304733092
MORGAN STATE 15-36	SESW SEC 36, T9S, R21E	ML22265		4304733094
MORGAN STATE 16-36	SWSE SEC 36, T9S, R21E	ML22265		4304733093
STATE 01-32	NESW SEC 32, T10S, R22E	ML22798	891008900A	4304734317
STATE 02-32	SESW SEC 32, T10S, R22E	ML22798		4304734831
STATE 03-32	NWSW SEC 32, T10S, R22E	ML22798		4304734832
STATE 1022-32A	NENE SEC. 32, T10S, R22E	ML22798		4304735096
STATE 1022-32J	NWSE SEC 32, T10S, R22E	ML22798	, , , , ,	4304735095
STATE 1022-32M	SWSW SEC 32, T10S, R22E	ML-22798		
STATE 1022-320	SWSE SEC. 32, T10S, R22E	ML22798		4304735315
STATE 11-36	NESW SEC 36, T8S, R21E	ML22051	9C-205	4304734505
STATE 14-16	SWSW SEC 16, T7S, R21E	ML40904		4304731417
STATE 31-32	SESE SEC 31, T8S, R22E	ML28048	VR49I-84688C	4304730906
STATE 32-21	NESE SEC 32, T8S, R21E	ML22052	9C-204	4304730754
STIRRUP STATE 32-1	NWNE SEC 32, T6S, R21E	ML22036	UTU76783X	4304731557
STIRRUP STATE 32-1-J	NWSE SEC 32, T6S, R21E	ML40226		4304731646
STIRRUP STATE 32-2	SENE SEC 32, T6S, R21E	ML22036	UTU76783X	4304731626
STIRRUP STATE 32-6 SWD	NENE SEC 32, T6S, R21E	ML22036	UTU76783X	4304732784
UTE TRIBAL 31-060	NESW SEC 31, T8S, R22E	ML28048	VR49I-84688C	4304733340
WONSITS STATE 01-32	SWNE SEC 32, T7S, R22E	ML47780		4304732820
WONSITS STATE 02-32	SWSE SEC 32, T7S, R22E	ML47780		4304732819
WONSITS STATE 05-32	SENE SEC 32, T7S, R22E	ML47780		4304733678
WONSITS STATE 09-32	NESW SEC 32, T7S, R22E	ML47780	<u></u>	4304734060

	I & Gas, L.F	-									
	nomics Wo						****				
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Total	\$		\$1,200	OPX/MCF	\$ 0.6						
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Proa	iuction & OP		iore	After		DW	_				
Oil Pro	oduction		0.192 BOPD		94 BOPD	Difference 0.0	002 BOPD				
Gas F	Production		0 MCFPI		0 MCFPD		0 MCFPE)			
	roduction		0 BWPD		0 BWPD		0 BWPD				
	Power	<u> </u>	HP		HP		0 нр				
FUELC	Gas Burned	┕	MCFP	٥ ــــــــــــــــــــــــــــــــــــ	MCFPD		0 MCFPE)			
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			gui man 20 your		I dyour		PX + Incre		venue)	- "	
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Arrer	ıax	IROR =	#DIV/OI		I	occurs when					
AT Cu	ım Cashflow:				See Gird	oh below, no	ne years w	nen casnn	ow reacr	ies zero	
Opero	ating Cashflow	- [(\$2,917) (Disco	ounted @ 10%)	Payout =	NEVER	Yeo	rsor 🖷	VALUE	Days	
Gross	Reserves:										
	serves =		6 BO								
	eserves =		0 MCF								
	quiv Reserves =	•	38 MCFE								
Gas Ed Assumption			102 Rend with n	o tank pressure.	The produc	tion is increa	red to 0.10	6 Bood If	ozs of p	ressure	7
Assumption	erage NBU well	produces (VIVA BEDG WINI IN			**********	300 10 0.1			costs.	-
Assumption	erage NBU well	produces (nk. The Incre	eased production	does not payo	ut the valve	cost or the e	stimated o	nnval mai	ntenance		
Assumption	erage NBU well	produces (nk. The Incr	eased production	i does not payor	ut the valve	cost or the e	stimated o	nnval mai	ntenance		
Assumption	erage NBU well	produces (nk. The Incr	eased production	ensate Shrinkaga	ut the valve	cost or the e	stimated o	nnval mal	ntenance		
Gas Ed Assumption An av	erage NBU well	1 produces (nk. The Incr	eased production	i does not payor	ut the valve	cost or the e	stimated o	nnval mal	ntenance		
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Gas Ed Assumption An avagre pla are pla	erace NBU well aced on the tar	produces (eased production	i does not payor	ut the valve	cost or the e	stimaled o	nnval maj	ntenance		
Gas Ed Assumption An avagre pla are pla	erace NBU well acced on the tall acced	produces (eased production	i does not payor	ut the valve	cost or the e	stimaled o	nnval maj	ntenance		
Gas Ed Assumption An avagre pla are pla	erace NBU well acced on the tall acced	produces (nk. The incr	eased production	i does not payor	ut the valve	cost or the e	stimuled o	nnval mai	ntenance		
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At Crimelion An day Green ple (\$50 (\$1,00 (\$1,50 (\$2,00)	erace NBU well aced on the tar	produces (nk. The incr	eased production	i does not payor	ut the valve	cost or the e	stimoled c	nnual mal	nienanca		
Gas Ed Assumption An avagre pla are pla	erace NBU well aced on the tar	produces (nk. The incr	eased production	i does not payor	ut the valve	cost or the e	stimoled c	nnual mal	nienanca		
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Westport Oil and Gas, Inc. NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flas	Flash		Specific	Separator	Separator
Conditi	ons	Ratio	Gravity of	Volume	Volume
1		(scf/STbbl)	Flashed Gas	Factor	Percent
psig	°F	(A)	(Air=1.000)	(B)	(C)
Calculated a	t Labora	tory Flash Condi	tions		
80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0		1.000	98.14%
Calculated F	iash witi	n Backpressure u	sing Tuned EOS	5	
80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0		1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	_	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0		1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0		1.000	98.52%

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

⁽A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

⁽B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

⁽C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006		
FROM: (Old Operator):	TO: (New O				
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gae Oneho	re IP	
1368 South 1200 East				10, 121	
Vernal, UT 84078	1368 South 1200 East Vernal, UT 84078				
Phone: 1-(435) 781-7024	Phone: 1-(435)	•			
CA No.	Unit:	, 01 . 02 .			
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
1_{∞} .		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION	•				
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER one	erator on:	5/10/2006	5	
2. (R649-8-10) Sundry or legal documentation was received from the	-		5/10/2006	_	
3. The new company was checked on the Department of Commerce	-			_	3/7/2006
	Business Numb	•	1355743-01		3/1/2000
4b. If NO , the operator was contacted contacted on:	,	,01.	1555775 010	_	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	-			
5c. Reports current for Production/Disposition & Sundries on:	ok	-			
6. Federal and Indian Lease Wells: The BLM and or the B	+	wed the r	nerger no	ne chan	one.
or operator change for all wells listed on Federal or Indian leases of		BLM	3/27/2006		not yet
7. Federal and Indian Units:		DENT	5/2//2000	2111	not you
The BLM or BIA has approved the successor of unit operator for	wells listed on:	:	3/27/2006		
8. Federal and Indian Communization Agreements ("	CA"):				
The BLM or BIA has approved the operator for all wells listed w	vithin a CA on:		n/a		
9. Underground Injection Control ("UIC") The Di	vision has appro	oved UIC F	Form 5, Tran	sfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	iter disposal wel	ll(s) listed	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006	_			
Changes have been entered on the Monthly Operator Change Sp			5/15/2006	_	
3. Bond information entered in RBDMS on:	5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:	5/16/2006	-			
5. Injection Projects to new operator in RBDMS on:		- ,	NT 61	0.1	
6. Receipt of Acceptance of Drilling Procedures for APD/New on: BOND VERIFICATION:		n/a	Name Char	ige Only	
	CO1202				
1. Federal well(s) covered by Bond Number:	CO1203	-			
 Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well(s) listed covered by 	RLB0005239	-	RLB000523	6	
a. The FORMER operator has requested a release of liability from the			rider adde	-	
The Division sent response by letter on:	n bond oil:	n/a	_ 11061 4008	d KNIG	
LEASE INTEREST OWNER NOTIFICATION:		-			
4. (R649-2-10) The FORMER operator of the fee wells has been cont	acted and inform	ned by a le	tter from the	Division	
of their responsibility to notify all interest owners of this change on		5/16/2006			
COMMENTS:					

⁴ Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

BUREAU OF LAND MANAGEMENT 5. Lease Serial No.

SUNDRY NOTICES		REPORTS	ON WELLS
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Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

ML	JL	TI	Р	LE	L	EΑ	S	F	۶

7	If I laid on CA/A managed No 4/- No.
1.	If Unit or CA/Agreement, Name and/or No.

1. Type of Well				····		
Oil Well X Gas Well	Other	8. Well Na	me and No.			
2. Name of Operator		MUTIPL	E WELLS			
KERR-McGEE OIL & GAS C	NSHORE LP			9. API Wel		
3a. Address		3b. Phone No	(include area co	de)		
1368 SOUTH 1200 EAST V		(435) 781-70	024	10. Field and	1 Pool, or Exploratory Are	:a
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descripti	on)				
				11. County of	or Parish, State	
SEE ATTACHED				UINTAH	COUNTY, UTAH	
			·			
	ROPRIATE BOX(ES) TO	INDICATE NA	TURE OF NOT	ICE, REPORT, OR	OTHER DATA	
TYPE OF SUBMISSION			TYPE OF A	CTION		
Notice of Intent	Acidize	Deepen	☐ Pro	duction (Start/Resume	e) Water Shut-Off	
_	Alter Casing	Fracture Tre		lamation	Well Integrity	
Subsequent Report	Casing Repair	New Constr	uction 🔲 Rec	omplete	Other CHANGE	E OF
C First About constant	Change Plans	Plug and At	=	nporarily Abandon	OPERATOR	
Final Abandonment Notice 13. Describe Proposed or Completed Oper	Convert to Injection	Plug Back	_	ter Disposal		
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAC KERR-McGEE OIL & GAS O OF THE LEASE(S) FOR THE IS PROVIDED BY STATE OF	AND MERCE SHALL BE FILE AT INSPECTION. F KERR-McGEE OIL & CHED WELL LOCATION OF THE SHALL	GAS ONSHO ONS. EFFEC PONSIBLE U DUCTED UP BOND NO.	uirements, includi ORE LP, IS C TIVE JANUA NDER TERN ON LEASE L	CONSIDERED T RY 6, 2006. IS AND CONDITANDS, BOND C	O BE THE PE	CEIVED Y 1 0 2006 IL, GAS & MININC
14. I hereby certify that the foregoing	is true and correct		Division of	Oll, Gas and M	tning	
Name (Printed/Typed)		Title		ssell, Engineerir	ng Technician	
RANDY BAYNE			MANAGER			
Kanky Sayne		Date May 9, 20	06			
7 1 1	THIS SPACE	FOR FEDERA		SE		
Approved by		Title		Date		<u></u>
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct Title 18 U.S.C. Section 1001, make	able title to those rights in the sub operations thereon.	ect lease		ny danarimani au ana	may of the United Care	
false, fictitious or fraudulent statemen	its or representations as to any	matter within its	jurisdiction.	ny department or age	arcy of the United States	any
(Instructions on reverse)						

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

MULTIPLE LEASES

Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well			
Oil Well X Gas Well	Other		8. Well Name and No.
2. Name of Operator			MUTIPLE WELLS
WESTPORT OIL & GAS CO	MPANY L.P.		9. API Well No.
3a. Address		3b. Phone No. (include area code)	
1368 SOUTH 1200 EAST V		(435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)	
DEE ATTAOUED			11. County or Parish, State
SEE ATTACHED			UINTAH COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF NOTIC	E, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACT	TON
Notice of Intent	Acidize Alter Casing	Deepen Produc	ction (Start/Resume) Water Shut-Off nation Well Integrity
Subsequent Report	Casing Repair	New Construction Recom	
Final Abandonment Notice	Change Plans Convert to Injection		orarily Abandon OPERATOR Disposal
Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin	rk will be performed or provide to operations. If the operation result bandonment Notices shall be filed all inspection.	he Bond No. on file with BLM/BIA. Rits in a multiple completion or recompled only after all requirements, including	d true vertical depths of all pertinent markers and zones. Required subsequent reports shall be filed within 30 days tion in a new interval, a Form 3160-4 shall be filed once reclamation, have been completed, and the operator has
THE OPERATORSHIP OF T		-	
ONSHORE LP.	APPR	OVED 5/6/00	DEOM!
	Ω	//	RECEIVED
	CU Diulalan	elone Russell	MAY 1 0 2006
	Earlene I	of Oil, Gas and Mining Russell, Engineering Techni	
		resent railineering recitif	DIV OF OIL GAS & MINING
14. I hereby certify that the foregoin Name (Printed/Typed)	g is true and correct	Title	
BRAD LANEY		ENGINEERING SPECIA	UST
Signature		Date	5101
	THIS SPACE	May 9, 2006 FOR FEDERAL OR STATE USE	:
Approved by A	THIO OF ACE	Title	Date
Grad Janus		11117	5-9-06
Conditions of approval, if any, are attached certify that the applicant holds legal of equ			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

which would entitle the applicant to conduct operations thereon.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22798 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1 TYPE OF WELL GAS WELL 🗸 OIL WELL OTHER STATE 1027-32J 2 NAME OF OPERATOR 9. API NUMBER: KERR McGEE OIL & GAS ONSHORE LP 4304735095 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: STATE UT 1368 SOUTH 1200 EAST 36 84078 (435) 781-7024 NATURAL BUTTES 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2179'FSL, 2059'FEL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 10S 22F STATE UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION 1 NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR

PLUG AND ABANDON

PRODUCTION (START/RESUME)

RECLAMATION OF WELL SITE

RECOMPLETE - DIFFERENT FORMATION

PLUG BACK

COMMINGLE PRODUCING FORMATIONS

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH FORMATION. AND COMMINGLE THE NEWLY WASATCH FORMATION ALONG WITH THE EXISTING MESAVERDE FORMATION.

1

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

CHANGE TUBING

CHANGE WELL NAME

CHANGE WELL STATUS

CONVERT WELL TYPE

SUBSEQUENT REPORT

Date of work completion:

(Submit Original Form Only)

Add New Perts 4890' to 5944'

RECEIVED AUG 2 5 2008

DIV. OF OIL, GAS & MINING

(This space for State use only) REQUEST DENIED	
SIGNATURE / / WILL MINUM	DATE 8/20/2008
NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST

Utah Division of Oil, Gas and Mining

Instructions on Reverse Side)

Date: 8 - 27 2008 Initials:

VENT OR FLARE

WATER DISPOSAL

WATER SHUT-OFF

OTHER:

^{12.} DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Name:

State 1022-32J

Location:

NWSE Sec 32 T10S R22E

Uintah County, UT

Date:

08/06/2008

ELEVATIONS:

5559 GL

5575 KB

TOTAL DEPTH:

8500

PBTD: 8455

SURFACE CASING: PRODUCTION CASING:

9 5/8", 36# J-55 ST&C @ 1911' 4 1/2", 11.6#, I-80 LT&C @ 8500'

Marker Joint **4030**'

TUBULAR PROPERTIES:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624
tbg	Į.				
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above)					
2 3/8" by 4 ½"				0.0101	0.4227
Annulus					

TOPS:

1015' Green River

1646' Mahogany

4045' Wasatch

6378' Mesaverde

Estimated T.O.C. from CBL @2000

GENERAL:

- A minimum of 7 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 04/14/2004
- 4 fracturing stages required for coverage.
- Procedure calls for 5 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40mesh resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~7258
- Originally completed on 5/18/2004

Existing Perforations:

6560-6575	2 spf
6812-6826	2 spf
7000-7014	2 spf
7045-7049	2 spf
7100-7118	2 spf
7220-4230	2 spf
7265-7275	3 spf
7356-7362	2 spf
7862-7870	2 spf
7964-7974	2 spf
8102-8110	2 spf
8382-8388	2 spf
8396-8402	2 spf

PROCEDURE:

- 1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7258'). Visually inspect for scale and consider replacing if needed.
- 3. If the looks ok consider running a gauge ring to 6050'. Otherwise P/U a mill and C/O to 6050'.
- 4. Set 8000 psi CBP at ~ 6000 '. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	5798	5802	4	16
WASATCH	5898	5900	4	8
WASATCH	5940	5944	4	16

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5748' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 7. Set 8000 psi CBP at ~5676'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

```
Zone From To spf # of shots WASATCH 5510 5514 4 16
```

WASATCH 5634 5638 4 16 WASATCH 5644 5646 4 8

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5460' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 9. Set 8000 psi CBP at ~5334'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone From To spf # of shots WASATCH 5264 5270 4 24 WASATCH 5300 5304 4 16

- 10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5214' trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 11. Set 8000 psi CBP at ~4930'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone From To spf # of shots WASATCH 4890 4900 4 40

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~4840' andflush only with recycled water.
- 13. Set 8000 psi CBP at ~4840'.
- 14. TIH with 3 7/8" bit, pump off sub, SN and tubing.
- 15. Drill plugs and clean out to PBTD. Pump off sub and land tubing at ± 5480 ' unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 16. RDMO

For design questions, please call Curtis Caile, Denver, CO (406)-490-2742 (Cell) (720)-929-6194 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

Fracturing Schedules STATE 1022-32J Recomplete Slickwater Frac

3383.0564 80.5489619

						_		T	1				00.5463619						0
		Feet		rfs			Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Fluid % of	Sand	Sand	Cum. Sand	Footage from CBP to	Scale Inhib.,
Stage	Zone	of Pay	Top, ft.	Bot., ft	SPF	Holes	BPM	Туре	ppg	ppg		BBLs	BBLs	frac	% of frac	lbs	lbs	Flush	gal.
		42.2																	
1	WASATCH	7	5798	5802	4	16		Pump-in test			Slickwater	0	0						
	WASATCH	7	5898	5900	4	[8	0	ISIP and 5 min ISIP											37
	WASATCH	2	5940	5944	4	16	50	Slickwater Pad			Slickwater	129	129	15.0%	0.0%	0	0		16
	WASATCH	0					50	Slickwater Ramp	0.25	1.25	Slickwate	429	557	50.0%	39.7%	13,500	13,500		27
	WASATCH	0					50	Slickwater Ramp	1.25	2	Slickwater	300	857	35.0%	60.3%	20,475	33,975		0
	WASATCH	0					50	Flush (4-1/2")				89	946			,	33,975		37
	WASATCH	0				ĺ		ISDP and 5 min ISDI	, P										117
															gal/ft	2,250	2.123	lbs sand/ft	į.
		16		# of Perfs	: √staue	40	Ì					FI	ı ush depth	5748		P depth		72	
			76 1878.				19.7	<< Above pump time	(min)		Englis					uop		. Proy	
ີ	WASATCH	3	5510	5514	,	16		Pump-in test	fonsh .	airi a	Slickwater	0	٨		ta/hastasts				
4	WASATCH	3	5634	5638	,	16		ISIP and 5 min ISIP			DIICKWalei	"	"						
	WASATCH	ĵ	5644	5646	4	10	1	Slickwater Pad			Oli -tt	77	77	45.00(0.000	٨	,		40
		-	0044	5040	4	a			0.05		Slickwater	L ' '	77	15.0%	0.0%	0			10
	WASATCH	0						Slickwater Ramp	0.25		Slickwater		332	50.0%	39.7%	8,044			16
	WASATCH	0						Slickwater Ramp	1.25	2	Slickwater		511	35.0%	60.3%	12,200			0
	WASATCH	0					JU	Flush (4-1/2")		į		85	596				20,243		35
	WASATCH	0						ISDP and 5 min ISDF) 										60
															gal/ft		, ,	lbs sand/ft	l
tarea a	and the second	6	na na kaonta mia	# of Perfs	stage	40	A COMMERCE	The state of the s	l.,		grigores es contra	Fli	ush depth	5460	CB	P depth	5,334	126	hara a ca
								<< Above pump time	(min)				e (all) et e en en e	FIGURE					
3	WASATCH	9	5264	5270	4	24	Varied	Pump-in test			Slickwater	0	0			,			l
	WASATCH	4	5300	5304	4	16	0	ISIP and 5 min ISIP											l
	WASATCH	0					50	Slickwater Pad			Slickwater	93	93	15.0%	0.0%	0	0		12
	WASATCH	0					50	Slickwater Ramp	0.25	1.25	Slickwater	310	402	50.0%	39.7%	9,750	9,750		20
	WASATCH	0					50	Slickwater Ramp	1.25	2	Slickwater	217	619	35.0%	60.3%	14,788	24,538		0
	WASATCH	0					50	Flush (4-1/2")				81	700		:	,	24,538		32
	WASATCH	0						ISDP and 5 min ISDF	י כ								,		63
															gal/ft	2,000	1,888	lbs sand/ft	
		13		# of Perfs	/stage	40						Fli	ush depth	5214		P depth		284	l
			.113%		J.J.		14.6	<< Above pump time	(min)		alla, y						.,555		
	WASATCH	10	4890	4900		40	territoria de la constanta de	Pump-in test	111997	Man Balla	Slickwater	0	Λ		uranis II iri				r in de la company
	WASATCH	n.	-1000	7000	7	70		ISIP and 5 min ISIP			DIICRYGICS								l
	WASATCH	0	1					Slickwater Pad			Clialanatas	80	80	45.00/	0.00/	0	0		10
		0						i .	0.05		Slickwater	ke i		15.0%	0.0%		-		10
	WASATCH	-						Slickwater Ramp	0.25		Slickwater		348	50.0%	39.7%				17
	WASATCH	0						Slickwater Ramp	1.25	2	Slickwater		536	35.0%	60.3%	12,797			0
	WASATCH	0					50	Flush (4-1/2")	1			75	611				21,234		0
1	WASATCH	0						ISDP and 5 min ISDF	ر ا							0.070	0.405		27
					.							,	. ,	10.10		2,250		lbs sand/ft	
	,	10	grij septembe	# of Perfs	/stage	40	ranga n		l garagean	enternas na	lard metal	Fl	ush depth	4840	CB	P depth	4,840	0	LOOK
. 11	<u></u>						12.7	<< Above pump time	(min)					Ba					ا سند ام
	Totals	45				160					!	gals	2,849	bbls	Tot	al Sand	99,990		ı
												bbls							ı
			The second				1.0						63	tanks	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Total Sca	le Inhib. =	267

STATE 1022-32J Recomplete Perforation and CBP Summary

		Perfo						
Stage	Zones	Top, ft	Bottom, ft	SPF	Holes	Frac	ture Cover	age
1	WASATCH	5798	5802	4	16	5797	to	5804
	WASATCH	5898	5900	4	8	5893	to	5900
	WASATCH	5940	5944	4	16	5942	to	5944
	# of Perfs/stage				40	CBP DEPTH	5,676	
2	WASATCH	5510	5514	4	16	5510	to	5513
	WASATCH	5634	5638	4	16	5635	to	5637.5
	WASATCH	5644	5646	4	8			
	# of Perfs/stage				40	CBP DEPTH	5,334	
3	WASATCH	5264	5270	4	24	5263	to	5272
	WASATCH	5300	5304	4.	16	5300	to	5304
	# of Perfs/stage				40	CBP DEPTH	4,930	
4	WASATCH	4890	4900	- 4	40	4890	to	4900
	# of Perfs/stage				40	CBP DEPTH	4,840	
			A. A. S.					
	Totals				160			



Kerr-McGee Oil & Gas Onshore LP PO Box 173779 DENVER, CO 80217-3779

September 2, 2008

Mr. Dustin Doucet Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

Re: State 1022-32J

NWSE Sec. 32, T10S-R22E API-Well No. 4304735095 Uintah County, Utah

Dear Dustin,

In accordance with R649-3-22, "Completion Into Two or More Pools", please be advised that there are no contiguous owners in oil and gas leases or in drilling units overlying the pool we intend to commingle to notify. As evidenced by the enclosed plat, Kerr-McGee Oil & Gas Onshore LP owns 100% interest in all contiguous leasehold.

Please let me know if anything further is required in order to approve the sundry previously submitted to you regarding the recompletion of the State 1022-32J. I have enclosed a copy of the sundry notice.

Thank you for your attention to our request.

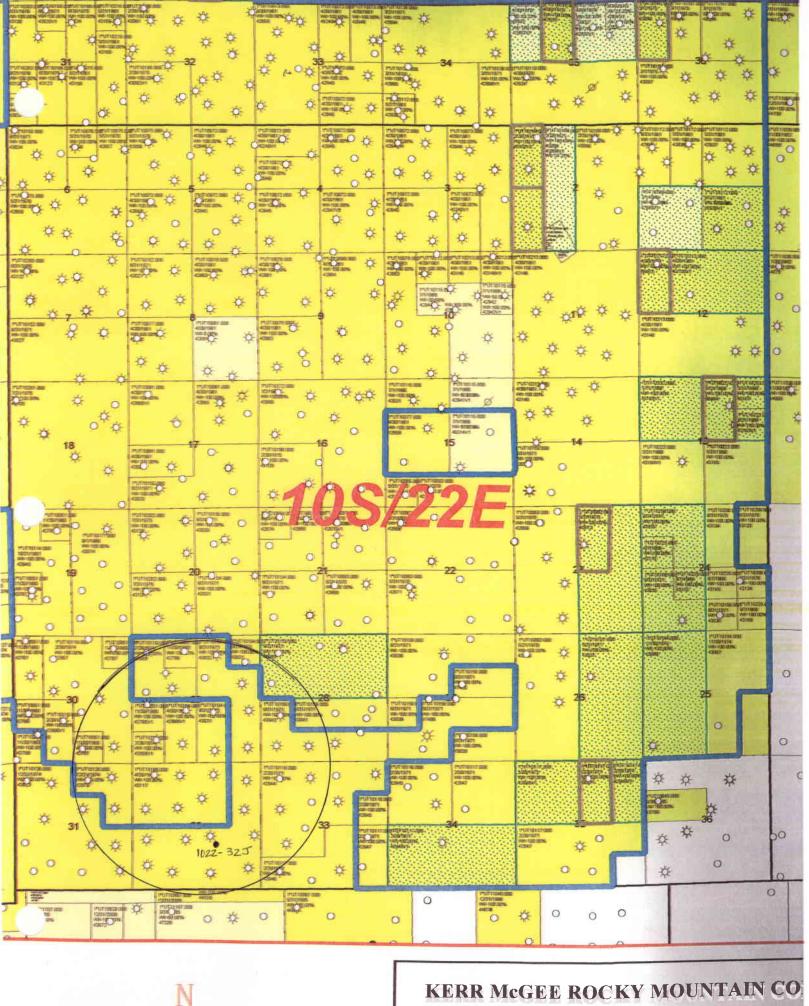
Sincerely,

KERR-McGEE OIL & GAS ONSHORE LP

Lynn Padgett (Staff Landman

enclosures

SEP 0 4 2003
DIV. OF OIL, GAS & MINING



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TITATE A DACIN

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22798
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	A MICH MANE and MI MADED
. TYPE OF WELL OIL WELL GAS WELL 🚺 OTHER	8. WELL NAME and NUMBER: STATE 1022-32J
NAME OF OPERATOR:	9, API NUMBER:
KERR McGEE OIL & GAS ONSHORE LP	4304735095 19. FIELD AND POOL, OR WILDCAT:
A ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST OF A VERNAL STATE UT 21P 84078 (435) 781-7024	NATURAL BUTTES
LOCATION OF WELL	LHAITALA
FOOTAGES AT SURFACE: 2179'FSL, 2059'FEL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 10S 22E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT ACIDIZE DEEPEN ACIDIZE DEEPEN ACIDIZE FRACTURE TREAT	SIDETRACK TO REPAIR WELL
(Submit in Duplicate)	TEMPORARILY ABANDON
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATIC	ИС
THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT W PROPOSES TO COMPLETE THE WASATCH FORMATION, AND COMMINGLE THE N ALONG WITH THE EXISTING MESAVERDE FORMATION. PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE. ALL New Perts 4890	EWLY WASATCH FORMATION
	COPY SENT TO OPERATOR
	Date: 9.23.2008
NAME (PLEASE PRINTY SHEILA UPCHEGO TITLE REGULATOR	Date: 9 · 23 · 2008 Initials: KS
SIGNATURE / MARCHINE DATE 8/20/2008	Date: 9 · 23 · 2008 Initials: KS

(5/2000)

DIV. OF OIL, GAS & MINING

SEP 1 6 2008

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING (See Instructions on Reverse Sign) 1610.8

Name:

State 1022-32J

Location:

NWSE Sec 32 T10S R22E

Uintah County, UT

Date:

08/06/2008

ELEVATIONS:

5559 GL

5575 KB

TOTAL DEPTH:

8500

PBTD: 8455

SURFACE CASING: PRODUCTION CASING: 9 5/8", 36# J-55 ST&C @ 1911' 4 1/2", 11.6#, I-80 LT&C @ 8500'

Marker Joint 4030'

TUBULAR PROJ	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55		8,100	1.901"	0.00387	0.1624
tbg 4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above) 2 3/8" by 4 ½"				0.0101	0.4227
Annulus					

TOPS:

1015' Green River

1646' Mahogany

4045' Wasatch

6378' Mesaverde

Estimated T.O.C. from CBL @2000

GENERAL:

- A minimum of 7 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 04/14/2004
- 4 fracturing stages required for coverage.
- Procedure calls for 5 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40mesh resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~7258
- Originally completed on 5/18/2004

Existing Perforations:

6560-6575	2 spf
6812-6826	2 spf
7000-7014	2 spf
7045-7049	2 spf
7100-7118	2 spf
7220-4230	2 spf 3 spf
7265-7275 7356-7362	2 spf
7862-7870	2 spf
7964-7974	2 spf
8102-8110	2 spf
8382-8388	2 spf
8396-8402	2 spf

PROCEDURE:

- MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7258'). Visually inspect for scale and consider replacing if needed.
- 3. If the looks ok consider running a gauge ring to 6050'. Otherwise P/U a mill and C/O to 6050'.
- 4. Set 8000 psi CBP at ~ 6000 '. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

A VANCO			~	
Zone	From	To	spf	# of shots
WASATCH	5798	5802	4	16
WASATCH	5898	5900	4	8
WASATCH	5940	5944	4	16

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5748' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 7. Set 8000 psi CBP at ~5676'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

```
Zone From To spf # of shots
WASATCH 5510 5514 4 16
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WASATCH 5634 5638 4 16 WASATCH 5644 5646 4 8

- Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5460' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 9. Set 8000 psi CBP at ~ 5334 '. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone From To spf # of shots WASATCH 5264 5270 4 24 WASATCH 5300 5304 4 16

- 10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5214' trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 11. Set 8000 psi CBP at ~4930'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

 Zone From To spf # of shots

WASATCH 4890 4900 4 40

- 12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~4840' andflush only with recycled water.
- 13. Set 8000 psi CBP at ~4840'.
- 14. TIH with 3 7/8" bit, pump off sub, SN and tubing.
- 15. Drill plugs and clean out to PBTD. Pump off sub and land tubing at ± 5480 ' unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 16. RDMO

For design questions, please call Curtis Caile, Denver, CO (406)-490-2742 (Cell) (720)-929-6194 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

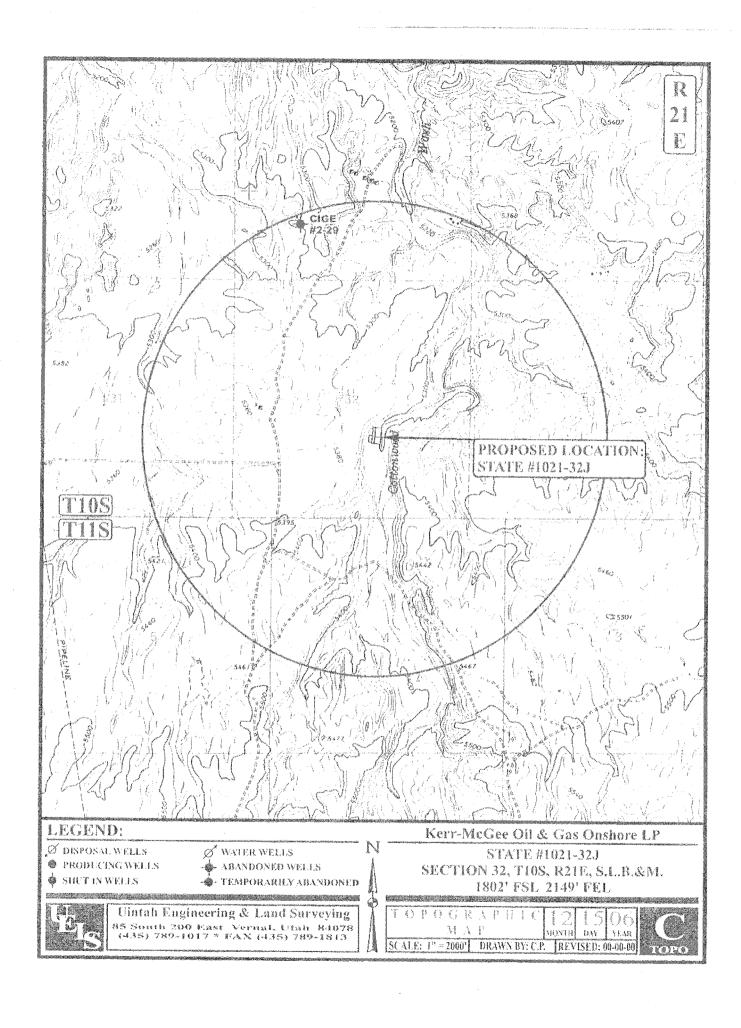
Fracturing Schedules STATE 1022-32J Recomplete Slickwater Frac

3383.0564 80.5489619

		Feet		Perfs				Rate	Floid	Initial	Final	Fluid	Volum	e Cı	loV mu	Fluid % of	Sand	Sand	Cum. Sand	Footage from CBP to	Scale Inhib.,
Stage	Zone	of Pav	Top.	ft. Bo	t.ft	SPF	Holes	BPM	Туре	ppg	ppg		BBLs	1	3BLs	frac	% of frac	lbs	lbs	Flush	gal.
	WASATCH	011 63		/98	5202	4			Pump in test			Slickwaler		0	Ç						37
1	WASATCH		51	398	5900	4	8		ISIP and 5 min ISIP										7.		31 18
- 1	WASATCH		2 59	340	5344	4	16	5) Slickwater Pad			Slickwater	Ł.	29	129	15.0%	0.0%	ł	10 500	i	27
- 1	WASATCH	i)					5) Slickwater Ramp	0.25	(Slickwater	1	29	557	50.0%	39.7%	1 '	13,500	1	: [
3	WASATCH)					5) Slickwater Ramp	1.25	2	Slickwate	Ł.	00	857	35.0%	60.3%	20,475	33,975		0 37
1	WASATCH)					5	Flush (4-1/2")					89	946				33,975		117
1	WASATCH		Û						ISOP and 5 min ISO	P								2000	2 42		
																n= 10		2,250		lbs sand/f	
		1	6	# (of Perfs	istage	41							Flus	h depth	5/48	CE	P depth	0,010	12	
								19.7	cc Abovs pump lim	e (min)											
ار	WASATCH	1	3 5	510	5514	4	11	Varie	Pump-in test			Slickwate	អ	Ŏ	0						
1	WASATCH		3 5	634	5636	4	11	â	O ISIP and 5 min ISIP												40
	WASATCH		0 5	644	5646		4	B 5	O Slickwater Pad			Slickwate	L.	77	77	15.0%	:			.]	10
	WASATCH		0					1 5	O Slickwater Ramp	0.2		Slickwate		255	332	50.0%	1	1 .	3		16
	WASATCH		0					{	O Slickwater Ramp	1.2	3	2 Slickwate	er	179	511	35.0%	E11.39	6 12,200			0 35
	WASATCH		0					1 4	(O) Flush (4-1/2")					85	596				20,24		60
	WASATCH		0						ISDIP and 5 min ISI)P								0.50			1
	711 2011 011																	ft 3,90	3 "	1 lbs sand	Щ
			ĥ	ä	of Perf	s/stan	e 4	0						Flu	sh depth	5460	C	BP dept	1 5,334	126	A STATE OF THE STA
						ľ		12.4	<< Above pump tin	ne (min)											1
*	WASATCH	ı	9	5264	5270		4 7	4 Varie	d Pump-in test			Slickwal	er	.0	0						
	WASATCH			5300	5304	3	1	6	OISIP and 5 min ISI	2											1 ,,
	WASATCH		0						50 Slickwaler Pad			Slickwal		93	93		3	***}	0	U	12
	WASATCH		0						50 Slickwater Ramp	0.2	5 12	5 Slickwal	ler	310	407	3	1				20
	WASATCH		Û						50 Slickwater Ramp	1.2	5	2 Slickwa	ler	217	619		% 60.3	% 14,78			0
	WASATCH		0						50 Flush (4-1/2")				ľ	81	700	4			24,53	88	32
	WASATCH		0						ISDP and 5 min &	DP.											63
	Invarion	*	Ū														gal			38 As sand	M
		-	13	i	of Per	ı İs/stae	ne	40						FL	ısh depti	h 5214	1 0	BP dep	th 4,930	284	
			,,,					14.	6 << Above pump ti	mie (min)		1.									Ì
	I 4 Wasatch	ı	10	4890	490	n	4	1	ed Pump in test	ľ		Slickwa	aler	0		0					
	4 WASATCH		Û	40JU	76%			-1	O ISIP and 5 min IS	Р											
	WASATCH		0						50 Slickwater Pad			Slickwa	aler	80		0 15.0		0%	0	0	10
			0						50 Slickwater Ramp	0.	25 1.	25 Slickwa	ater	268	34	1		7% 8,A			17
	Wasatch Wasatch		0						50 Slickwater Ramp	1		2 Slickw		188	53)% GO.:	3% 12,7			0
	WASATCH		ŋ						50 Flush (4-1/2")				ľ	75	61	1			21,2	34	Ü Listeriaan illeri
			0						ISDP and 5 min	SDP											27
	WASATCH		ij						WWW MING HITE									ai/A 2,2		23 lbs san	
	****	-	10		# of Pe	 cle/ct=	ine	40						Fl	ush dep	th 484	0 1	CBP de	oth 4,840	0	LOOK
	4		18		a or r g	, 65'316	,ŋ.	12	.7 << Above pump	ı lime İmin								***************************************			
	Takala		1Ľ					160	" - Lionic british				gal	3	2,84	19 hbls		Total Sa	nd 99,	90	
	Totals		45					100					bbl								
								1	1.0				""		1 6	.3 tanks	. !		Total	Scale lahi	b. = 267

STATE 1022-32J Recomplete Perforation and CBP Summary

		Perfor	ations		and the second s			
Stage	Zones	Top, ft	Bottom, ft	SPF	Holes	Fracti	ure Coverage	
······································	10/000T/N11	5798	5802	4	16	5797	to	5804
1	WASATCH WASATCH	5898	5900	4	8	5893	to	5900
	WASATCH	5940	5944	4	16	5942	to	5944
	# of Perfs/stage	V 10			,	CBP DEPTH	5,676	
		**************************************	F F \$ 4		16	5510	io I	5513
1	WASATCH	5510 cear	5514 5638	4	10 16	5635	to l	5637.5
	WASATCH	5634 5644	3038 5646			3047		**************************************
	WASATCH # of Perfs/stage	<u> </u>	JV4V	1	40	CBP DEPTH	5,334	
	B Att Augustin							
	3 WASATCH	5264	5270		24	5263	to	5272
	WASATCH	5300	5304		16	5300	<u>t</u> û	5304
	# of Perfs/slage				40	CBP DEPTH	4,930	
	4 WASATCH	4890	4900		40	4890	l to	400
	# of Perisistage	1 1 1			40	CBP DEPTH	4,840	
								
	Totals				160			



STATE OF UTAH RTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING 5. LEASE D ML-22	ESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN	N, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	CA AGREEMENT NAME:
1. TYPE OF WELL OIL MELL CAS MELL IZ OTHER	AME and NUMBER:
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP 430473	
3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD A	AND POOL, OR WILDCAT:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078 (435) 781-7024 NATU	RAL BUTTES
	UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 10S 22E STATE:	UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR O	OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
□ NOTICE OF INTENT □ ACIDIZE □ DEEPEN □ RE	PERFORATE CURRENT FORMATION
	DETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TE	MPORARILY ABANDON
	BING REPAIR
	NT OR FLARE
(Submit Original Form Only)	TER DISPOSAL
Date of work completion:	TER SHUT-OFF
	HER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 10/3/2008 AT 4:00 PM. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.	
NAME (PLEASE PRINT) SHEILA UPCHEGO	Γ
SIGNATURE () NO LO	

(This space for State use only)

RECEIVED

OCT 0 8 2008

VENT INFOR	MATION:	EVEN	TACTIVITY: RE	COMPLE	TION		STAR	T DATE: 9/26/2008		AFE NO	0.: 2023804
		OBJE	CTIVE: DEVELO	PMENT			END	DATE: 10/2/2008			
		OBJE	CTIVE 2: RECO	MPLETE			DATE	WELL STARTED PROD.: 4/7/20	004		
		REAS	ON: WAS SW				Event	End Status: COMPLETE			
IG OPERATIO	NS:	Be:	gin Mobilization	Rig On	Location	Rig Ch	arges	Rig Operation Start Finish	n Drilling	Rig Release	Rig Off Location
EY 59 / 59				09/2	6/2008						10/02/2008
Date	The first of the second	ne -End	Duration (hr)	Phase	Code	Subco de	P/U		Operation		
/26/2008	SUPERV	<u>ISOR:</u>	WILL GLEAVE								
	7:00 -	15:00	8.00	COMP	30	Α	P	HSM. MIRU FROM NBU 1022- EQUIPEMNT IN. SDFWE	-35N. MOVE	E ALL TRAILER	S & RIG
/29/2008	SUPER\	<u> ISOR:</u>	WILL GLEAVE								
	7:00 -	15:00	8.00	COMP	31		P	HSM. ND WH. NU BOPE. TO 3-7/8 MILL & SUB. TIH W/ MIL FRAC VALVE. PREP FOR WI ROLLED ALL 8 TANKS TO TE DETECTED. SDFN	L TO 6075'. RELINE & T	TOOH. ND BO O PRESSURE T	PE, NU
/30/2008	SUPER\	ISOR:	WILL GLEAVE								
	7:00 -	16:00	9.00	COMP	34	-	P 	HSM. MIRU CASEDHOLE SO GAUGE RING, RIH TO 6050'. @ 6010'. POOH. MIRU B&C (CASING & FRAC VALVES TO 3-3/8 PERF GUNS. RIH, SHOSHOOT 8 HOLES FROM 5898 POOH, REPAIR GUN, RIH, SHOOH. PREP FOR FRAC. SV	POOH, PU 4 QUICK TEST 6000#. (HE DOT 16 HOL 1-5900'. PU, HOOT 16 HO	4-1/2 CBP, RIH, F. PRESSURE (LD). RDMO B& ES FROM 5940 GUN DID NOT	SET CBP TEST C. PU 44'. PU, FIRE,
0/1/2008	SUPER\	/ISOR:	WILL GLEAVE								
	7:00 -	20:30	13.50	COMP	36	E	P	HSM. MIRU SCHLUMBERGE NOTE: ALL STAGES SHOT W W/ 23 GM CHARGES, 4 SPF, BAKER 4-1/2 8K CBP'S. ALL: DVE-005 SCALE INHIB, 3 GPT PRE-PAD & FLUSH. ALL C;E. BIOCIDE 1/2 GPT. ALL STAG SAND TAILED IN W/ 5000 # T STAGE 1: BREAK DOWN PEI EST INJ RATE OF 40 BBL/MIN 32,504# SAND. TAILED IN W/ 1013 BBLS TOTAL CLEAN FL	V/ 3-3/8 EXP 90 DEG PH/ STAGES TR T IN PAD & 1 AN FLUID TI ES TREATE LC SAND FC RFS @ 2278 N @ 5300#. V 5000# TLC	ASING. ALL CB EATED W/ NAL 1/2 RAMP, 10 G REATED W/ NA DD W/ 30/50 OT DR SAND CON B#. ISIP 1630#. TREATED STA SAND W/ SLK	P'S ARE CO PT IN LCO FOWA FROLL. FG .71. GE 1 W/ WTR.
								STAGE 2: PU 3-3/8 PERF GU 5676'. PU, SHOOT 8 HOLES HOLES FROM 5634-38'. PU, POOH. BREAK DOWN PERF EST INJ RATE OF 48 BBL/MII 21,120# SAND, TAILED IN W/ BBLS TOTAL CEAN FLUID. IS	FROM 5644 SHOOT 16 F S @ 2881#. N @ 5400#. 5000# TLC	-46'. PU, SHOC HOLES FROM 5 ISIP 2000#. FO TREATED STA SAND W/ SLK \	oT 16 510-14'. G .79. VTR. 644
								STAGE 3: PU 3-3/8 PERF GU 5334. PU, SHOOT 16 HOLES HOLES FROM 5264-70'. POO ISIP 1000#. FG .62. EST INJ TREATED STAGE 3 W/ 23,28 SAND W/ SLK WTR. 689 BBL FG .73. NPI 560#.	FROM 5300 DH. BREAK RATE OF 49 9# SAND. T	D-04'. PU, SHO DOWN PERFS 9.5 BBL/MIN @ 'AILED IN W/ 50	OT 24 @ 3458# 5100#. 00# TLC
								STAGE 4: PU 3-3/8 PERF GL 4930'. PU, SHOOT 40 HOLES DOWN PERFS @ 2889. ISIP 49.5 BBL/MIN @ 5300#. TRE TAILED IN W/ 5000# TLC SAN CLEAN FLUID. ISIP 2300. FC	S FROM 489 1100#. FG ATED STAG ND W/ SLK V	0-4900'. POOH .65. EST INJ R. SE 4 W/ 27,961 S VTR. 696 BBLS	. BREAK ATE OF SAND. STOTAL

Wins No.:	71660			<u> </u>	STAT	TE 1022	32J API No.: 4304735095
	7:00 - 20:30	13.50	COMP	44	С	Р	HSM. TIH TO KILL PLUG @ 4825. RU SWIVEL, PUMP & LINES. BREAK CONV CIRC. D.O. 1ST CBP. 50# INC. TIH, TAG FILL @ 4900'. (30' FILL). C.O. FILL TO CBP @ 4930'. D.O. 2ND CBP. 50# INC. TIH, TAG FILL @ 5304'. (30' FILL). C.O. FILL TO CBP @ 5334'. (30' FILL). D.O. 3RD CBP. 500# INC. TIH, TAG FILL @ 5646'. (30' FILL). C.O. FILL TO CBP @ 5676'. D.O. 4TH CBP. 800# INC. TIH, TAG FILL @ 5944' (66' FILL). C.O. FILL TO 5977' CIRC WELL CLEAN. L.D. 55 JTS ON TRAILER. ND BOP'S. NU WH. MIRU DELSCO WIRELINE. CHANGE OUT SLEEVES IN BIT SUB. RDMO DELSCO. MIRU FOAM TECH FOAM UNIT. UNLOAD WELL UP TBG W/ FOAM UNIT. TURN OVER TO FLOWBACK. SDFN.
							1000 SICP 100# TBG PSI. 48/64 CHOKE.
							226 JTS ON LOC 171 JTS IN WELL 55 JTS ON FLOAT EOT @ 5498'
10/3/2008	SUPERVISOR:	RYAN KUNKEL					
	7:00 -			33	Α		7 AM FLBK REPORT: CP 350#, TP 150#, 48/64" CK, 35 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1116 BBLS LEFT TO RECOVER: 2326
	16:00 -		PROD				WELL TURNED TO SALES @ 1600 HR ON 10/3/2008 - FTP 950#, CP 1050#, CK 20/64", 1500 MCFD, 288 BWPD
10/4/2008	SUPERVISOR:	RYAN KUNKEL					
	7:00 -			33	Α		7 AM FLBK REPORT: CP 1050#, TP 960#, 20/64" CK, 5 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1281 BBLS LEFT TO RECOVER: 2161
10/5/2008	SUPERVISOR:	RYAN KUNKEL			runtaturitarita		The state of the s
	7:00 -			33	A		7 AM FLBK REPORT: CP 1050#, TP 1050#, 20/64" CK, 4 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1384 BBLS LEFT TO RECOVER: 2058
10/6/2008	SUPERVISOR:	TUCKER CALDV	VELL,				
	7:00 -			33	Α		7 AM FLBK REPORT: CP 950#, TP 940#, 20/64" CK, 4 BWPH, TRACE SAND, 1512 GAS TTL BBLS RECOVERED: 1480 BBLS LEFT TO RECOVER: 1962

10/7/2008 9:24:12AM

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AMENDED REPORT FORM 8 STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES (highlight changes) 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING ML-22798 6 IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG 7. UNIT or CA AGREEMENT NAME 1a. TYPE OF WELL: GAS V 8. WELL NAME and NUMBER: b. TYPE OF WORK: STATE 1022-32J DIFF. RESVR. OTHER RECOMPLETE HORIZ. RE-ENTRY 9. API NUMBER: 2. NAME OF OPERATOR: 4304735095 KERR McGEE OIL & GAS ONSHORE LP 10 FIELD AND POOL, OR WILDCAT PHONE NUMBER: 3. ADDRESS OF OPERATOR: NATURAL BUTTES ZIP 84078 (435) 781-7024 STATE UT CITY VERNAL 1368 S 1200 E QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2179'FSL, 2059'FEL NWSE 32 10S 22E AT TOP PRODUCING INTERVAL REPORTED BELOW: 12. COUNTY 13. STATE UTAH AT TOTAL DEPTH: UINTAH 17. ELEVATIONS (DF, RKB, RT, GL): 15. DATE T.D. REACHED: 16. DATE COMPLETED: 14. DATE SPUDDED READY TO PRODUCE 🗸 ABANDONED 5559'GL 10/3/2008 3/22/2004 4/15/2004 21. DEPTH BRIDGE MD 19. PLUG BACK T.D.: MD 8,455 20. IF MULTIPLE COMPLETIONS, HOW MANY? 18. TOTAL DEPTH: 8.500 PLUG SET: TVD 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) NO 🔽 YES (Submit analysis) WAS WELL CORED? **CBL-CCL-GR** NO 🗸 YES [WAS DST RUN? (Submit report) NO 🗸 YES DIRECTIONAL SURVEY? (Submit copy) 24. CASING AND LINER RECORD (Report all strings set in well) STAGE CEMENTER **CEMENT TYPE &** AMOUNT PULLED CEMENT TOP ** BOTTOM (MD) WEIGHT (#/ft.) TOP (MD) HOLE SIZE SIZE/GRADE NO. OF SACKS VOLUME (BBL) 40 20" 14" STL 36.7# 32.3# 2,020 575 12 1/4" H-40 9 5/8 1966 8,500 7 7/8" 4 1/2 1-80 11.6# 25 TURING RECORD DEPTH SET (MD) PACKER SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) PACKER SET (MD) DEPTH SET (MD) SIZE 5,498 2 3/8" 27. PERFORATION RECORD 26. PRODUCING INTERVALS PERFORATION STATUS NO. HOLES INTERVAL (Top/Bot - MD) SIZE BOTTOM (MD) TOP (TVD) BOTTOM (TVD) TOP (MD) FORMATION NAME 5,944 0.36 160 Open Squeezed 4.890 5,944 WASATCH 4,890 Squeezed Open (B) Open Squeezed (C) Squeezed (D) 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. AMOUNT AND TYPE OF MATERIAL DEPTH INTERVAL PMP 3042 BBLS SLICK H2O & 104,874# 30/50 SD 4890'-5944' 30. WELL STATUS: 29 ENCLOSED ATTACHMENTS: DIRECTIONAL SURVEY DST REPORT ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT PROD OTHER: CORE ANALYSIS SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION **KEUEIVED**

(CONTINUED ON BACK)

(5/2000)

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31. INITIAL PRO	DUCTION			INTI	ERVAL A (As snov				-1	Inches described
DATE FIRST PRO		TEST DATE		HOURS TESTED		TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF: 1,527	WATER - BBL:	PROD. METHOD: FLOWING
10/3/2008		10/6/20			20			GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
20/64	TBG. PRESS. 940	CSG. PRES 950	S. API GRAVI	TY BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	0 0	1,527	96	PROD
				INT	ERVAL B (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE		HOURS TESTED):	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	SS. API GRAVI	ITY BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER BBL:	INTERVAL STATUS:
		<u>.</u>		INT	ERVAL C (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE	:	HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	SS. API GRAV	TTY BTU GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
		<u>.1</u>	<u> </u>	INT	ERVAL D (As sho	wn in item #26)	<u></u>		***	
DATE FIRST PR	RODUCED:	TEST DATI	E:	HOURS TESTER	D:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRES	SS. API GRAV	TTY BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS MCF:	WATER - BBL:	INTERVAL STATUS:
32. DISPOSITIO	ON OF GAS (Sold	, Used for Fu	el, Vented, Etc.)							
	OF POROUS ZOI	iES (Include	Aquifers):	<u> </u>		3	4. FORMATION	(Log) MARKERS:		
Show all imports	ant zones of noros	ity and conten		intervals and all drill-ster is and recoveries.	m tests, including d	epth interval				
Formati	ion	Top (MD)	Bottom (MD)	Descrip	otions, Contents, et	tc.		Name		Top (Measured Depth)
WASATC MESAVE		4,046 6,462 clude pluggir	5,943							
36. I hereby co	ertify that the fore	going and at	tached informati	on is complete and cor	rect as determine	d from all available rec	ords.			
	-	_								
NAME (DI EA	or powel SH	EILA UF	CHEGO			TITLE REC	SULATOR	Y ANALYST	•	

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

10/29/2008

- reentering a previously plugged and abandoned well
 significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.

WK

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

SIGNATURE

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

801-359-3940

STATE OF UTAH

SIMILO	I O I AII
DEPARTMENT OF NAT	FURAL RESOURCES
DIVISION OF OIL, O	GAS AND MINING

ENTITY ACTION FORM

perator:	1/11/1/1	McGEE OIL & GAS ON	VOLIONE EI	_ Оре	rator Ac	count Nu	ımber: _	N zaao
ddress:	1368 S	OUTH 1200 EAST						
<u> </u>	city VE	RNAL						
<u> </u>	state U	Т	zip 84078		Р	hone Nu	mber: _	(435) 781-7024
Well 1								
API Num	ber	Well	Name	QQ	Sec	Twp	Rng	County
Variou	s	NBU REVISION						UINTAH
Action Co	ode	Current Entity Number	New Entity Number	S				tity Assignment Effective Date
E		Various	2900		3/13/201	2	ز	2/1/2012
Comments:	MOVI	E THE ATTACHED WE 12012. 72 W.C.	ELLS INTO THE NATI	JRAL BUT	TES UN	IT REVI	SION EF	731/3012
API Num	ber	Well	Name	QQ	Sec	Twp	Rng	County
Action Co		Current Entity Number	New Entity Number	s	pud Dat			tity Assignment Effective Date
Action Co	ode			S	Spud Dat			
	ode :	Number		QQ	Spud Dat			
Action Conments:	ode :	Number	Number	QQ		Twp	Rng	Effective Date

ACTION CODES:

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (Explain in 'comments' section)

RECEIVED

REGULATORY ANALYST

SHEILA WOPSOCK

Title

Signature

Name (Please-Print)

5/30/2012

Date

(5/2000)

MAY 3 1 2012

Entity Action Form Attachment for wells moved into the Natural Buttes Unit Effective 02/01/2012.

oria entity								
API	Well Name	QTR/QTR JSection	TWNSHP	RANGE	Producing Intervals			
4304737079	FEDERAL <u>92</u> 0-251	NESE 15431	25 9\$	20E	WASATCH/MESAVERDE			
4304737080	FEDERAL 920-25H	SENE 15761	25 9S	20E	WASATCH/MESAVERDE			
4304737081	FEDERAL 920-25A	NENE 15553	25 9S	20E	WASATCH/MESAVERDE from MV			
4304739098	STATE 1021-28M	swsw /6499	28 10S	21E	WASATCH TO WSMVD			
4304737918	FEDERAL 1021-26L	NWSW 16390	26 10S	21E	MESAVERDE TO WS 7M/D			
4304737919	FEDERAL 1021-26N	SESW 16391	26 10S	21E	WASATCH/MESAVERDE			
4304737916	FEDERAL 1021-250	SWSE 14277	25 10S	<u>21</u> E	WASATCH/MESAVERDE			
4304739112	STATE 1021-31M	swsw 16454	31 105	21E	WASATCH TO WSMVD			
4304739127	STATE 1021-32P	SESE /6471	32 10S	21E	WASATCH/MESAVERDE			
4304739128	STATE 1021-320	SWSE 17513	32 10S	_21E	WASATCH/MESAVERDE			
4304739131	STATE 1021-32L	NWSW 16902	32 10S	21E	WASATCH/MESAVERDE			
4304739133	STATE 1021-32J	NWSE 17529	32 10S	21E	WASATCH/MESAVERDE			
4304739134	STATE 1021-321	NESE 16905	32 10S	21E	WSMVD			
4304739135	STATE 1021-32H	SENE 17528	32 10S	21E	WASATCH/MESAVERDE			
4304735714	FEDERAL 1022-29H	SENE /5/47	29 10S	22E	WASATCH/MESAVERDE			
4304735715	FEDERAL 1022-29F	SENW 15162	29 10S	22E	WASATCH/MESAVERDE			
4304735716	FEDERAL 1022-29B	NWNE 114982	29 10S	22E	WASATCH/MESAVERDE			
4304735737	FEDERAL 1022-291	NESE 15001	29 10S	22E	WASATCH/MESAVERDE			
4304735738	FEDERAL 1022-29D	NWNW 15016	29 105	22E	MESAVERDE TO WS TO VD			
4304734862	FEDERAL 31-10-22	SESE 13879	31 10S	22E	MESAVERDE TO WSTMVD			
4304735173	FEDERAL 1022-31D	NWNW 14/32	31 10S	22E	WASATCH/MESAVERDE			
4304736492	FEDERAL 1022-31N	SESW 14255	'31 10S	22E	WASATCH/MESAVERDE			
4304736493	FEDERAL 1022-311	NESE 15089	31 10S	22E	WASATCH/MESAVERDE			
4304736494	FEDERAL 1022-31G_	SWNE 15075	31 10S	22E	WASATCH/MESAVERDE			
4304736495	FEDERAL 1022-31F_	SENE 1523D	31 10S	22E	WASATCH/MESAVERDE			
4304736574	FEDERAL 1022-31C_	NENW 15090	31 10S	22E	WASATCH/MESAVERDE			
4304736575	FEDERAL 1022-31J_	NWSE 15214	31 10S	22E	WASATCH/MESAVERDE			
4304736576	FEDERAL 1022-31L	NWSW 16276	31 10S	22E	WASATCH/MESAVERDE			
4304734317	STATE 1-32	NESW 13419	32 10S	22E	WASATCH/MESAVERDE			
4304734831	STATE 2-32	SESW 13842	32 10S	22E	MESAVERDE TO WSMID			
4304734832	STATE 3-32	NWSW 13844	32 10S	22E	WASATCH/MESAVERDE			
4304735095	STATE 1022-32J	NWSE 11+097	32 10S	22E	WSMVD			
4304735096	STATE 1022-32A	NENE 13914	32 10S	22E	WASATCH/MESAVERDE			
4304735186	STATE 1022-32P	SESE 14131	32 10S	22E	MESAVERDE TO WSMVD			
4304735315	STATE 1022-320	SWSE 14114	32 10S	22E	WASATCH/MESAVERDE			
4304735647	STATE 1022-32H	SENE 14348	32 10S	22E	MESAVERDE TO WSMVD			
4304736413	STATE 1021-360	SWSE /5619	36 10S	21E	WASATCH/MESAVERDE			
4304738157 WELL BELONGS TO QEP ENERGY CORP "GH 8-20-8-21" PERMIT NOT APPROVED								
4304734839	FEDERAL 1022-15F	SENW 14618	15 10S	22E	WASATCH/MESAVERDE			
4304736414	STATE 1021-36J	NWSE 15651	36 10S	21E	WASATCH/MESAVERDE			
4304738152	STATE 1021-36L	NWSW 16012	36 10S	21E	WASATCH/MESAVERDE			
4304735440	FEDERAL 1022-15J	NWSE 14617	15 10S	22E	WASATCH/MESAVERDE			
4304736415	STATE 1021-36I	NESE 15684	36 10S	21E	WASATCH/MESAVERDE			
4304738845	STATE 1021-36D	NWNW 16455	36 10S	21E	WASATCH/MESAVERDE			

4304750096 FEDERAL 1022-27H	SENE 17626	27 10S	22E	WASATCH/MESAVERDE
4304736416 STATE 1021-36H	SENE 15335	36 10S	21E	WASATCH/MESAVERDE
4304738846 STATE 1021-36E	SWNW 16523	36 10S	21E	WASATCH/MESAVERDE
4304735676 FEDERAL 1022-28L	NWSW 15110	28 10S	22E	WASATCH/MESAVERDE
4304736417 STATE 1021-36G	SWNE 15291	36 10S	21E	WASATCH/MESAVERDE
4304738847 STATE 1021 <u>-36F</u>	SENW 16394	₹36 10S	21E	WASATCH/MESAVERDE
4304735713 FEDERAL 1022-28N	SESW 15145	28 10S	22E	WASATCH/MESAVERDE
4304736418 STATE 1021-36B	NWNE 14953	36 10S	21E	WASATCH/MESAVERDE
4304738848 STATE 1021-36N	SESW 16359	36 10S	21E	WASATCH/MESAVERDE
4304735735 FEDERAL 1022-280	SWSE 15285	28 10S	22E	WASATCH/MESAVERDE From MURD
4304736419 STATE 1021-36A	NENE 15035	36 10S	21E	WASATCH/MESAVERDE
4304738849 STATE 1021-36K	NESW 16084	36 10S	21E	WASATCH/MESAVERDE
4304735736 FEDERAL 1022-28M	swsw 15286	28 10S	22E	WASATCH/MESAVERDE
4304736420 STATE 1021-36P	SESE 15372	36 10S	21E	WASATCH/MESAVERDE
4304738850 STATE 1021-36C	NENW /6396	36 10S	21E	WASATCH/MESAVERDE
4304734861 FEDERAL 29-10-22	SESE 14006	29 10S	22E	MESAVERDE TO WSMVD
4304735577 FEDERAL 1022-330	SWSE 15080	33 10S	22E	WASATCH/MESAVERDE
4304735739 FEDERAL 1022-33E	SWNW 15193	33 10S	22E	WASATCH/MESAVERDE
4304735740 FEDERAL 1022-33M	swsw /5373	33 10S	22E	WASATCH/MESAVERDE
4304735741 FEDERAL 1022-33L	NWSW /5511	33 10S	22E	WASATCH/MESAVERDE
4304735742 FEDERAL 1022-33G	SWNE 15404	33 10S	22E	WASATCH/MESAVERDE From MURD
4304735743 FEDERAL 1022-33C	NENW 15405	33 10S	22E	WASATCH/MESAVERDE
4304735744 FEDERAL 1022-33A	NENE /5539	33 10S	22E	WASATCH/MESAVERDE
4304737105 FEDERAL 1022-33D	NWNW 16502	33 10S	22E	WASATCH/MESAVERDE
4304737106 FEDERAL 1022-33F	SENW 16560	33 10S	22E	WASATCH/MESAVERDE From WSTC
4304737107 FEDERAL 1022-33K	NESW 16124	33 10S	22E	WASATCH/MESAVERDE
4304737109 FEDERAL 1022-33N	SESW /6/26	33 10S	22E	WASATCH/MESAVERDE
4304737110 FEDERAL 1022-33B	NWNE /6561	33 1 0S	22E	WASATCH/MESAVERDE
4304735810 STATE 1021-36E	SWNW 14395	36 10S	21E	WASATCH/MESAVERDE